

TOOLS



1937



Indestro Mfg. Corp.

**N. KILDARE at SCHUBERT
CHICAGO U. S. A.**



Our Guarantee

Every Indestro Product is fully guaranteed against defects in material or workmanship.

Any Indestro Product will be replaced by the factory if it fails to give the service you have a right to expect from it.

Replacements will be subject to the judgment and discretion of the factory and will not be made where a tool shows unmistakable signs of misuse or abuse.

The guarantee does not apply if inspection shows that the tool has been worn out from use, or has been abused by hammering, or used on over or undersized nuts, or ground or design changed, or used for purposes other than for which it was designed.

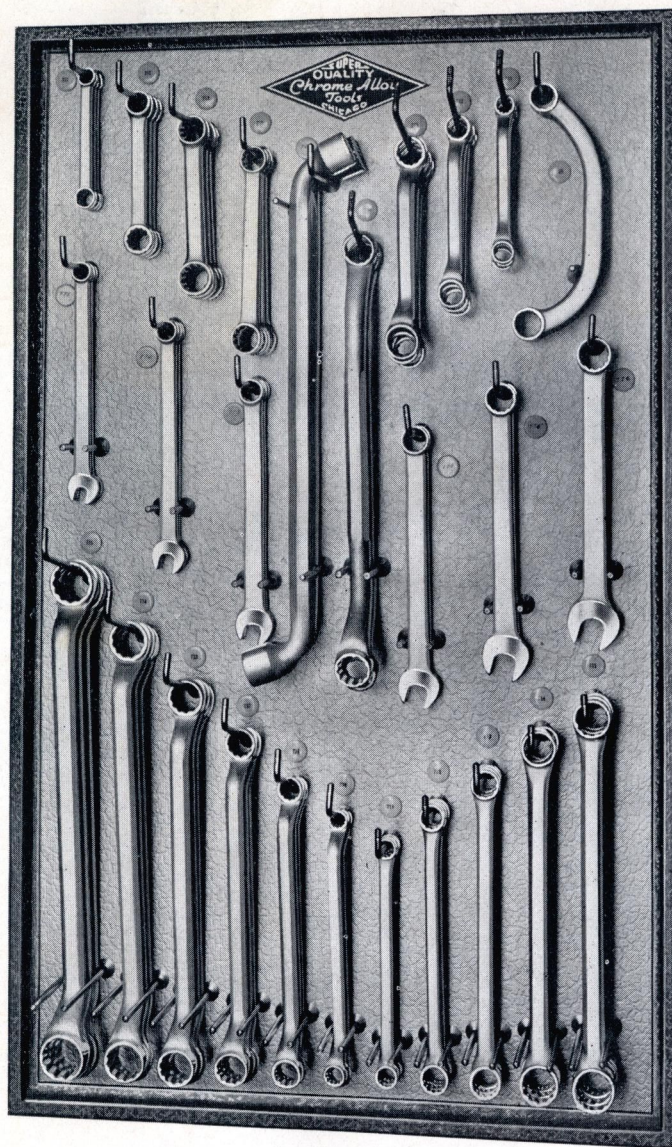
INDESTRO MFG. CORP.

**N. Kildare Ave. at Schubert
Chicago, Ill.**



Tools FOR SERVICE

Super Quality Box Wrench Display Board



No. 79 DB Display Board

A real merchandising board with 27 different wrenches, all fast movers. This 19" x 31" Display Board with above assortment of 79 Super Quality Box Wrenches, affords a simple and attractive means of stocking and displaying the most commonly used mechanics' wrenches. The back is substantially made of heavy plywood, finished in copper color and bound by a heavy wood frame of dark green which makes up a beautiful contrast for the duplex finish of the wrenches. Can be had in either hanger or easel type and is furnished free only with complete assortment listed above.

No. 79-DB.....

Chrome Vanadium Steel

Contents as Follows

LONG 45° TYPE

Quantity	Wrench No.	Size	Price Each
3	730	3/8" x 7/16"	\$0.45
3	731	1/2" x 9/16"	.51
3	732	5/8" x 11/16"	.57
3	733	3/4" x 1 1/8"	.66
3	734	13/16" x 1 1/4"	.84
3	735	1 5/16" x 1 1/2"	1.05

LONG 10° TYPE

3	711	3/8" x 7/16"	\$0.48
3	712	1/2" x 9/16"	.54
3	713	9/16" x 5/8"	.60
3	714	1 1/16" x 25/32"	.69
3	715	3/4" x 1 1/8"	.78

SHORT 45° TYPE

3	741	3/8" x 7/16"	\$0.42
3	742	1/2" x 9/16"	.48
3	743	5/8" x 11/16"	.54

SHORT 15° TYPE

3	751	3/8" x 7/16"	\$0.42
3	752	1/2" x 9/16"	.45
3	753	5/8" x 11/16"	.51

COMBINATION BOX OPEN END WRENCHES

3	771	3/8"	\$0.48
3	772	7/16"	.51
3	773	1/2"	.57
3	774	9/16"	.66
3	775	5/8"	.72
3	776	11/16"	.81

CHEV. "6" MAIN BEARING WRENCH

2	739	5/8" x 3/4"	\$1.32
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FORD MAIN BEARING WRENCH

2	767	9/16" sq. x 3/4" hex.	\$1.26
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BATTERY TERMINAL WRENCH

3	750	9/16" x 5/8"	\$0.36
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STARTER AND MANIFOLD WRENCH

3	769	9/16" x 5/8"	\$0.78
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Price \$49.80

Weight 45 lbs.

Note: Display Boards furnished free only with assortment as shown. List price of Board without tools, \$9.00



Super Quality Box Wrenches Drop Forged Chrome-Vanadium Steel

Super Quality Box Wrenches are drop forged from Chrome Vanadium Steel carefully heat treated and tempered. The handles are of an oval hexagon type which prevents slipping in the hand. The forging as well as the machining is accurate. Triple plated with polished heads and satin finished body.

Long 45° Type



No.	Size	Length	Price
730	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$7\frac{5}{8}$ "	\$0.45
731	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$8\frac{5}{8}$ "	.51
732	$\frac{5}{8}$ " x $\frac{11}{16}$ "	$9\frac{3}{4}$ "	.57
733	$\frac{3}{4}$ " x $\frac{25}{32}$ "	$11\frac{1}{8}$ "	.66
734	$\frac{13}{16}$ " x $\frac{7}{8}$ "	$12\frac{1}{2}$ "	.84
735	$\frac{15}{16}$ " x 1"	$14\frac{1}{4}$ "	1.05

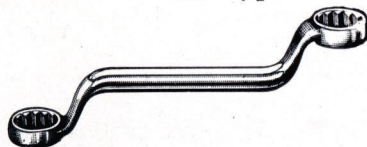
No. 740—Set of six Box Wrenches described above
in substantial carton.....Price \$4.08

Weight per Set 4 lbs.

No. 740-5F—Set of five Box Wrenches described
above, with openings up to and including $\frac{7}{8}$ ",
packed in substantial carton.....Price \$3.03

Weight per set 3 lbs.

Short 45° Type



No.	Size	Length	Price
741	$\frac{3}{8}$ " x $\frac{7}{16}$ "	4"	\$0.42
742	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$4\frac{1}{2}$ "	.48
743	$\frac{5}{8}$ " x $\frac{11}{16}$ "	5"	.54

No. 745—Set of Three Box Wrenches described
above in substantial carton.....Price \$1.44

Weight per Set $\frac{1}{2}$ lbs.

"S" Type



No.	Size	Length	Price
761	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$5\frac{3}{4}$ "	\$0.66
762	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$6\frac{3}{4}$ "	.72
763	$\frac{9}{16}$ " x $\frac{5}{8}$ "	$7\frac{3}{4}$ "	.78
764	$\frac{11}{16}$ " x $\frac{25}{32}$ "	$8\frac{3}{4}$ "	.87
765	$\frac{3}{4}$ " x $\frac{7}{8}$ "	$9\frac{3}{4}$ "	.99

No. 760—Set of Five Box Wrenches described
above in substantial cartonPrice \$4.02

Weight per Set 2 lbs.

Long 10° Type



No.	Size	Length	Price
711	$\frac{3}{8}$ " x $\frac{7}{16}$ "	$6\frac{3}{4}$ "	\$0.48
712	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$7\frac{7}{8}$ "	.54
713	$\frac{9}{16}$ " x $\frac{5}{8}$ "	9"	.60
714	$\frac{11}{16}$ " x $\frac{25}{32}$ "	10"	.69
715	$\frac{3}{4}$ " x $\frac{7}{8}$ "	11"	.78

No. 710—Set of Five Box Wrenches described above
in substantial cartonPrice \$3.09

Weight per Set 2 lbs.

Short 15° Type

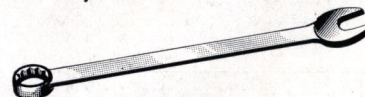


No.	Size	Length	Price
751	$\frac{3}{8}$ " x $\frac{7}{16}$ "	4"	\$0.42
752	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$4\frac{1}{2}$ "	.45
753	$\frac{5}{8}$ " x $\frac{11}{16}$ "	5"	.51

No. 755—Set of Three Box Wrenches described
above in substantial carton.....Price \$1.38

Weight per Set $\frac{1}{2}$ lb.

2-Way Box End Wrenches



A very useful combination of a Box End Wrench, set at a 10° offset angle on one end, and an Open End Wrench on the other end. The same size openings on both ends.

No.	Size	Length	Price
771	$\frac{3}{8}$ "	7"	\$0.48
772	$\frac{7}{16}$ "	$7\frac{1}{4}$ "	.51
773	$\frac{1}{2}$ "	$7\frac{5}{8}$ "	.57
774	$\frac{9}{16}$ "	8"	.66
775	$\frac{5}{8}$ "	$8\frac{1}{2}$ "	.72
776	$\frac{11}{16}$ "	$8\frac{3}{4}$ "	.81
777	$\frac{3}{4}$ "	$8\frac{3}{4}$ "	.90
778	$\frac{7}{8}$ "	11"	.93
779	$\frac{15}{16}$ "	$12\frac{1}{4}$ "	1.05

First Six Wrenches describe above, in carton.

No. 770-6F.....Price \$3.75
Weight, 2 lbs.

Same Set as above in leatherette roll.

No. 770-6.....Price \$4.23

Set of Four Wrenches, sizes $\frac{7}{8}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ " and $\frac{5}{8}$ " in carton.

No. 770-4F.....Price \$2.46
Weight $1\frac{1}{2}$ lbs.

Same Set as above in leatherette roll.

No. 770-4.....Price \$2.76

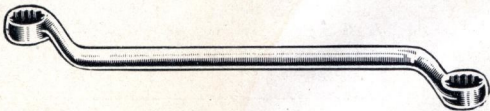


Tools FOR SERVICE

Chrome Alloy Steel Box Wrenches Heavily Rust Proofed

This is a very high quality drop forged Chrome Alloy Steel Box Wrench. It is well finished, heavily rust proof plated with buffed heads, and will meet the requirements of either the car owner or the mechanic who wants a good quality tool.

Long 45° Type

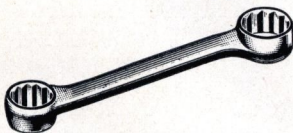


No.	Size Opening	Length	Weight	Price
0730	3/8" x 7/16"	7 5/8"	3 oz.	\$0.32
0731	1/2" x 9/16"	8 5/8"	5 oz.	.36
0732	5/8" x 11/16"	9 3/4"	6 oz.	.41
0733	3/4" x 25/32"	11 1/8"	10 oz.	.45
0734	13/16" x 1 1/8"	12 1/2"	13 oz.	.52
0735	15/16" x 1 1/4"	14 1/4"	1 lb.	.58

No. 0740—Set of 6 Long 45° Drop Forged Box Wrenches as described and listed above in carton.....Price \$2.64
Weight 3 1/2 lbs.

No. 0740-5F—Set of five Wrenches as above in carton, with openings up to and including 7/8".....Price \$2.06
Weight 2 1/2 lbs.

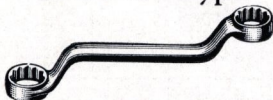
Short 15° Type



No.	Size	Length	Price
0751	3/8" x 7/16"	4"	\$0.32
0752	1/2" x 9/16"	4 1/2"	.36
0753	5/8" x 11/16"	5"	.41

No. 0755—Set of three 15° Box Wrenches as described above, in carton.....Price \$1.09
Weight 1/2 lb.

Short 45° Type



No.	Size	Length	Price
0741	3/8" x 7/16"	4"	\$0.32
0742	1/2" x 9/16"	4 1/2"	.36
0743	5/8" x 11/16"	5"	.41

No. 0745—Set of three 45° Box Wrenches as described above, in carton.....Price \$1.09
Weight 1/2 lb.

"KlipTite" Box Wrench Sets

In the three "KlipTite" sets illustrated and described below have been grouped the popular sizes of our Chrome Alloy Long 45° Box Wrenches. The heavy metal clip, attractively baked enameled, forms a pleasing contrast with the cadmium plated wrenches. Thumb screw on top holds wrenches securely in place yet enables quick removal.

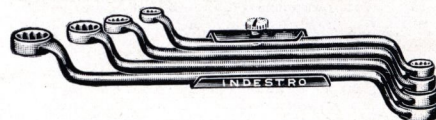
Three Piece "KlipTite" Set



This set has openings 1/2", 5/8", 11/16", 3/4" and 1 1/8" and contains wrenches 0731, 0732 and 0733.

No. 0740-3K—Three Piece "KlipTite" Box Wrench Set.....Price \$1.26
Weight 1 1/2 lbs.

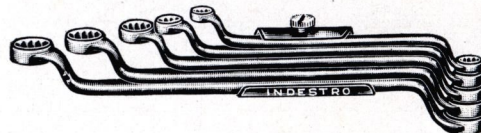
Four Piece "KlipTite" Set



This set has openings 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 1 1/8" and contains wrenches 0730, 0731, 0732 and 0733.

No. 0740-4K—Four Piece "KlipTite" Box Wrench.....Price \$1.58
Weight 1 1/2 lbs.

Five Piece "KlipTite" Set



This set has openings 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 1 1/8" and 7/8" and contains wrenches 0730, 0731, 0732, 0733 and 0734.

No. 0740-5K—Five Piece "KlipTite" Box Wrench Set.....Price \$2.10
Weight 2 1/4 lbs.

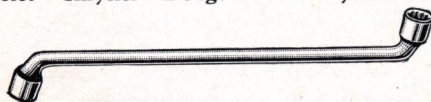


Main Bearing--Connecting Rod--Special Wrenches

In the group of Wrenches listed on this page are the popular tools for special jobs on all of the popular make cars. Some of these jobs are nearly impossible to do without these special tools.

Main Bearing Wrenches

Chevrolet—Chrysler—Dodge—Ford—Plymouth—Pontiac



This type Wrench is very desirable for the important job of setting up main bearings properly. 16" long with forged sockets on end, made from carbon steel, heavily plated.

No. 181

This Wrench with $\frac{11}{16}$ " and $\frac{3}{4}$ " twelve point openings for main bearing and cylinder head bolts on: Chevrolet 6 and Pontiac 8, 1933-4-5-6, Chrysler 6 and 8, Dodge 6 and 8 and Plymouth models 1930 to 1936 inclusive.

No. 181—Main Bearing Wrench, $\frac{11}{16}$ " and $\frac{3}{4}$ " 12 Point openings.....Price \$0.60

No. 182

$\frac{5}{8}$ " x $\frac{3}{4}$ " Main Bearing and Cylinder Head Wrench for Chevrolet 6 models up to and including 1932 and Pontiac 6 models 1928 to 1932 inclusive.

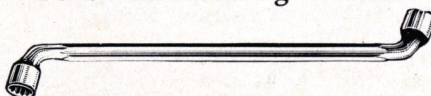
No. 182—Main Bearing Wrench, $\frac{5}{8}$ " and $\frac{3}{4}$ " 12 Point openings.....Price \$0.60

No. 183

$\frac{9}{16}$ " "8 Point" Square and $\frac{3}{4}$ " "12 Point" Hexagon openings. For main bearings in Ford "A," "AA," "B," "BB," and "V8."

No. 183—Main Bearing Wrench, $\frac{9}{16}$ " 8 Point and $\frac{3}{4}$ " 12 Point openings.....Price \$0.60
Weight $1\frac{1}{4}$ lbs.

Ford Main Bearing Wrench



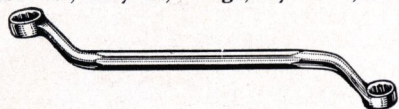
A forged Chrome Vanadium Steel wrench with accurately machined sockets $\frac{9}{16}$ " "8 Point" square and $\frac{3}{4}$ " "12 Point" hexagon openings. Duplex finished. For main bearings in Ford "A," "AA," "B," "BB," and "V8."

No. 767—Main Bearing Wrench.....Price \$1.26
Weight $1\frac{1}{4}$ lbs.

Main Bearing Wrenches

for

Chevrolet, Chrysler, Dodge, Plymouth, Pontiac



This 12" wrench with $\frac{11}{16}$ " and $\frac{3}{4}$ " twelve point openings for main bearing and cylinder head bolts on: Chevrolet 6 and Pontiac 8, 1933-4-5-6, Chrysler 6 and 8, Dodge 6 and 8 and Plymouth models 1930 to 1936 inclusive. Drop forged Chrome Vanadium steel attractively finished in bright satin nickel with polished ends.

No. 749— $\frac{11}{16}$ " x $\frac{3}{4}$ " Main Bearing Wrench.....Price \$1.32
Weight 1 lb.

No. 739— $\frac{5}{8}$ " x $\frac{3}{4}$ " Main Bearing and Cylinder Head Wrench for Chevrolet 6 models up to and including 1932 and Pontiac 6 models 1928 to 1932 inclusive.....

Price \$1.32
Weight 1 lb.

Universal Drain Plug Wrench



A Drop Forged Alloy Steel Wrench that fits practically all male plugs on crank cases, transmissions, differentials, etc., including the latest models. A combination of nine hexagon, square and double square openings. No garage or service station can afford to be without this tool.

No. 410—Universal Drain Plug Wrench.....Price \$1.08
Weight $\frac{3}{4}$ lb.

Connecting Rod Wrench



These 12 Point double hexagon head Wrenches have a Chrome Vanadium Steel "Hot-Broached" Socket, accurately machined and of proper design to do this important and difficult task. Handle is 9" long, made of special analysis steel and offset at the right angle so as to give proper clearance and maximum utility.

The $\frac{9}{16}$ " twelve point Socket fits connecting rod bolt heads of Chrysler 6 and 8, Dodge 6 and 8, Plymouth 4 and 6 and Chevrolet 6 models 1930 to 1936 inclusive; also 6 and 8 cylinder Pontiacs 1926 to 1936 inclusive; Oldsmobile 6 and 8 1930-6 inclusive.

No. 608— $\frac{9}{16}$ " Connecting Rod Wrench.....Price \$0.51
This $\frac{3}{16}$ " "12 Point" wrench is adapted for connecting rod bolt on Model "A" and "B" Fords.

No. 615— $\frac{3}{16}$ " Connecting Rod Wrench.....Price \$0.51
 $\frac{9}{16}$ " "12 Point" extra thin nose Chrome Vanadium Steel Connecting Rod Wrench for V8 Ford.

No. 617— $\frac{9}{16}$ " Connecting Rod Wrench.....Price \$0.51
Weight 1 lb.

Battery Terminal Wrench

A drop forged Wrench with $\frac{5}{8}$ " and $\frac{9}{16}$ " 12 Point openings for battery terminals and hold downs. Heavily plated.



No. 750—Battery Wrench.....Price \$0.36
Weight $\frac{1}{4}$ lb.

Starter and Manifold Box Wrench



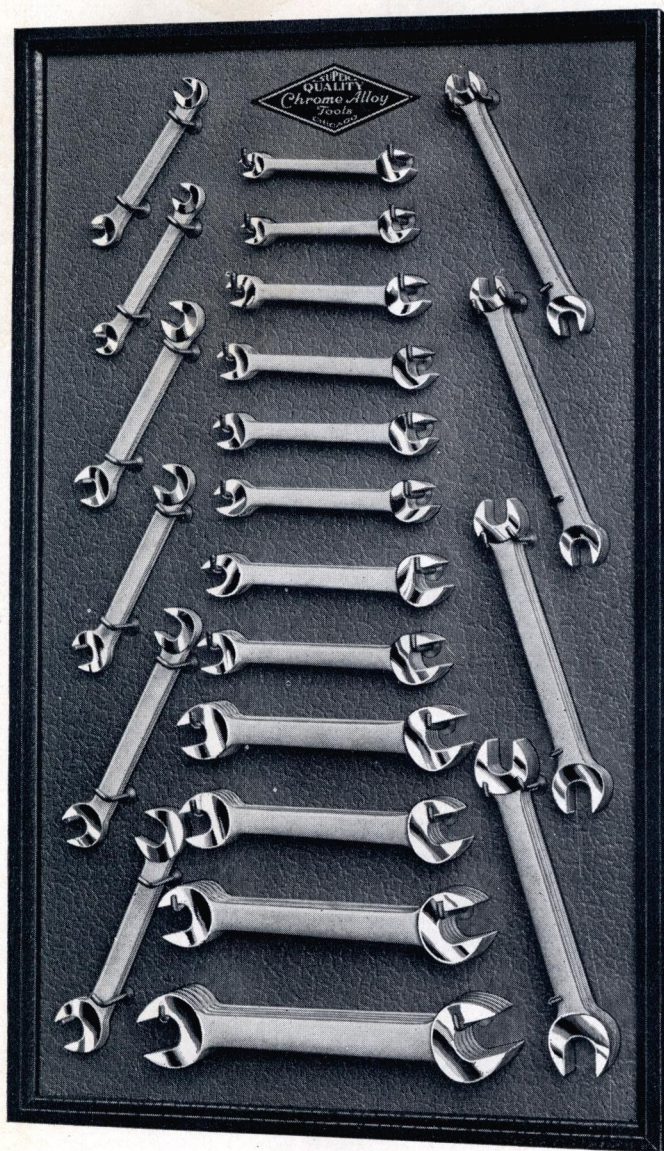
A 12 Point special shaped Wrench designed to reach those hard places around starters, manifolds, etc., where it is not convenient to use other type of wrenches. Openings $\frac{5}{8}$ " and $\frac{9}{16}$ ", length $9\frac{1}{2}$ ".

No. 769—Starter and Manifold Wrench.....Price \$0.78
Weight $\frac{1}{4}$ lb.



Tools FOR SERVICE

Super Quality Open End Wrench Display Board



No. 100 DB Display Board

A Display Board which appealingly exhibits a most representative stock of popular Super Quality Open End Wrenches. Substantially constructed of heavy plywood, finished in copper color with green frame; a combination which attractively contrasts with the Duplex Finished Wrenches. The Board measures 19" x 31" and may be had in either the hanger or easel type.

Chrome Vanadium Steel

Contents as Follows

OPEN END WRENCHES

(Automotive Type)

Thin Head Pattern

Quan.	Wrench No.	Size	Price Each
5	1021	5/16" x 13/32"	\$0.36
5	1723	3/8" x 7/16"	.36
5	1023	13/32" x 1/2"	.42
5	1725	7/16" x 1/2"	.51
5	1725B	1/2" x 9/16"	.51
5	1025	1/2" x 19/32"	.51
5	1727	9/16" x 5/8"	.57
5	1027	19/32" x 11/16"	.60
5	1729	5/8" x 3/4"	.72
5	1029	11/16" x 25/32"	.72
4	1731A	3/4" x 7/8"	.96
4	1033C	15/16" x 1"	1.29

OBSTRUCTION WRENCHES

Thin Head Pattern

3	1821	3/8"	\$0.48
3	1823	7/16"	.48
3	1825	1/2"	.57
3	1827	9/16"	.57
3	1829	5/8"	.69
3	1831	3/4"	.69

TAPPET WRENCHES

Extra Thin Pattern

6	T1	7/16" x 17/32"	\$0.45
6	T2	1/2" x 9/16"	.48
6	T3	5/8" x 11/16"	.54
6	T4	3/4" x 7/8"	.66

No. 100-DB—Display Board Complete with Super Quality WrenchesPrice \$58.76

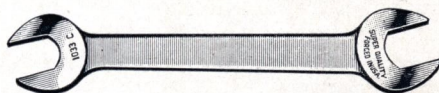
No. 0100-DB—Display Board Complete with Standard Wrenches as described on pages 7 and 9.....Price \$40.58
Weight 42 lbs.

Note: Display Boards furnished free only with assortment as shown. List price of Board without tools \$9.00.



Chrome Vanadium Steel End Wrenches

Thin Head Pattern Automotive Type



SUPER QUALITY

Drop forged from Chrome Vanadium Steel. Well balanced with accurate openings and highly polished, pear shaped heads. Triple plated satin finish. A quality tool in every respect.

No.	Size Openings	Length	Weight per Doz.	Price Each
1721	$\frac{5}{16}$ & $\frac{3}{8}$	5"	1 lb.	\$0.36
1021	$\frac{5}{16}$ & $\frac{13}{32}$			
1722	$\frac{5}{16}$ & $\frac{7}{16}$			
1723	$\frac{3}{8}$ & $\frac{7}{16}$			
1022	$\frac{5}{16}$ & $\frac{1}{2}$	5 $\frac{3}{4}$ "	1 lb. 14 oz.	.42
1023	$\frac{13}{32}$ & $\frac{1}{2}$			
1723A	$\frac{3}{8}$ & $\frac{1}{2}$			
1024	$\frac{13}{32}$ & $\frac{19}{32}$			
1724	$\frac{3}{8}$ & $\frac{9}{16}$	6 $\frac{1}{4}$ "	2 lb. 4 oz.	.51
1725	$\frac{7}{16}$ & $\frac{1}{2}$			
1725A	$\frac{7}{16}$ & $\frac{9}{16}$			
1725B	$\frac{1}{2}$ & $\frac{9}{16}$			
1025	$\frac{1}{2}$ & $\frac{19}{32}$			
1726	$\frac{1}{2}$ & $\frac{5}{8}$	7 $\frac{1}{8}$ "	3 lb. 6 oz.	.60
1026	$\frac{1}{2}$ & $\frac{11}{16}$			
1727	$\frac{9}{16}$ & $\frac{5}{8}$			
1027	$\frac{19}{32}$ & $\frac{11}{16}$			
1027C	$\frac{9}{16}$ & $\frac{11}{16}$			
1728	$\frac{9}{16}$ & $\frac{3}{4}$	8 $\frac{1}{4}$ "	5 lb. 10 oz.	.72
1028	$\frac{19}{32}$ & $\frac{25}{32}$			
1028S	$\frac{5}{8}$ & $\frac{25}{32}$			
1028X	$\frac{25}{32}$ & $\frac{13}{16}$			
1729	$\frac{5}{8}$ & $\frac{3}{4}$			
1029	$\frac{11}{16}$ & $\frac{25}{32}$			
1030	$\frac{11}{16}$ & $\frac{7}{8}$			
1731	$\frac{3}{4}$ & $\frac{13}{16}$	9 $\frac{3}{8}$ "	7 lb. 8 oz.	.96
1731A	$\frac{3}{4}$ & $\frac{7}{8}$			
1031	$\frac{25}{32}$ & $\frac{7}{8}$			
1731B	$\frac{13}{16}$ & $\frac{7}{8}$			
1032	$\frac{25}{32}$ & $\frac{31}{32}$			
1033A	$\frac{7}{8}$ & $\frac{15}{16}$			
1033	$\frac{7}{8}$ & $\frac{31}{32}$			
1733	$\frac{7}{8}$ & 1	10 $\frac{5}{8}$ "	12 lb. 6 oz.	1.29
1033C	$\frac{15}{16}$ & 1			
1034	$\frac{7}{8}$ & $\frac{11}{16}$			
1734	$\frac{7}{8}$ & $\frac{11}{8}$			
1035	$\frac{31}{32}$ & $\frac{11}{16}$			
1735	1 & $\frac{11}{8}$	12 $\frac{1}{4}$ "	18 lb.	1.74
1036	$\frac{31}{32}$ & $\frac{11}{4}$			
1736	1 & $\frac{11}{4}$			
1037	$\frac{11}{16}$ & $\frac{11}{4}$			
1737	$\frac{11}{8}$ & $\frac{11}{4}$			

STANDARD

Same design and material as the Super Quality type but not polished. Cadmium plated, rust proof finish. A good general purpose wrench.

No.	Size Openings	Length	Weight per Doz.	Price Each
01721	$\frac{5}{16}$ & $\frac{3}{8}$	5"	1 lb.	\$0.30
01021	$\frac{5}{16}$ & $\frac{13}{32}$			
01722	$\frac{5}{16}$ & $\frac{7}{16}$			
01723	$\frac{3}{8}$ & $\frac{7}{16}$			
01022	$\frac{5}{16}$ & $\frac{1}{2}$	5 $\frac{3}{4}$ "	1 lb. 14 oz.	.32
01023	$\frac{13}{32}$ & $\frac{1}{2}$			
01723A	$\frac{3}{8}$ & $\frac{1}{2}$			
01024	$\frac{13}{32}$ & $\frac{19}{32}$			
01724	$\frac{3}{8}$ & $\frac{9}{16}$	6 $\frac{1}{4}$ "	2 lb. 4 oz.	.36
01725	$\frac{7}{16}$ & $\frac{1}{2}$			
01725A	$\frac{7}{16}$ & $\frac{9}{16}$			
01725B	$\frac{1}{2}$ & $\frac{9}{16}$			
01025	$\frac{1}{2}$ & $\frac{19}{32}$			
01726	$\frac{1}{2}$ & $\frac{5}{8}$	7 $\frac{1}{8}$ "	3 lb. 6 oz.	.40
01026	$\frac{1}{2}$ & $\frac{11}{16}$			
01727	$\frac{9}{16}$ & $\frac{5}{8}$			
01027	$\frac{19}{32}$ & $\frac{11}{16}$			
01027C	$\frac{9}{16}$ & $\frac{11}{16}$			
01728	$\frac{9}{16}$ & $\frac{3}{4}$	8 $\frac{1}{4}$ "	5 lb. 10 oz.	.50
01028	$\frac{19}{32}$ & $\frac{25}{32}$			
01028S	$\frac{5}{8}$ & $\frac{25}{32}$			
01028X	$\frac{25}{32}$ & $\frac{13}{16}$			
01729	$\frac{5}{8}$ & $\frac{3}{4}$			
01029	$\frac{11}{16}$ & $\frac{25}{32}$			
01030	$\frac{11}{16}$ & $\frac{7}{8}$			
01731	$\frac{3}{4}$ & $\frac{13}{16}$	9 $\frac{3}{8}$ "	7 lb. 8 oz.	.64
01731A	$\frac{3}{4}$ & $\frac{7}{8}$			
01031	$\frac{25}{32}$ & $\frac{7}{8}$			
01731B	$\frac{13}{16}$ & $\frac{7}{8}$			
01032	$\frac{25}{32}$ & $\frac{31}{32}$			
01033A	$\frac{7}{8}$ & $\frac{15}{16}$			
01033	$\frac{7}{8}$ & $\frac{31}{32}$			
01733	$\frac{7}{8}$ & 1	10 $\frac{5}{8}$ "	12 lb. 6 oz.	.90
01033C	$\frac{15}{16}$ & 1			
01034	$\frac{7}{8}$ & $\frac{11}{16}$			
01734	$\frac{7}{8}$ & $\frac{11}{8}$			
01035	$\frac{31}{32}$ & $\frac{11}{16}$			
01735	1 & $\frac{11}{8}$	12 $\frac{1}{4}$ "	18 lb.	1.36
01036	$\frac{31}{32}$ & $\frac{11}{4}$			
01736	1 & $\frac{11}{4}$			
01037	$\frac{11}{16}$ & $\frac{11}{4}$			
01737	$\frac{11}{8}$ & $\frac{11}{4}$			

Standard package contains six of one size.



Tools FOR SERVICE

Standard Tappet Wrench Sets in Metal Container



Two each of numbers TO1, TO2, and TO3 Standard Tappet Wrenches with cadmium plated, rust proof finish as described on preceding page. Packed in an attractively colored, baked enamel steel display and carrying case.

No. 6TM—Set in Metal Box.....Price \$1.70

No. 6TR—Set same as above except in substantial canvas rollPrice \$1.70
Weight 1 3/4 lbs. per Set

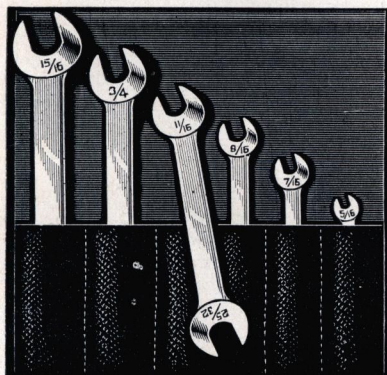
Popular Bundle Tappet Wrenches



Two each of numbers TO2 and TO3 Wrenches in cadmium plated finish and fastened together with tape. A good quality set at a reasonable price.

No. 4CB—Set of four Tappet Wrenches, cadmium platedPrice \$1.12
Weight 1 lb.

Popular Open End Wrench Sets



These Sets are furnished in both "Super Quality" and "Standard" as described on page 7. Wrenches have been selected to give the most popular combinations in sizes ranging from 7/16" to 1". "Super Quality" Set No. 1000 contains Nos. 1723, 1725B, 1027, 1028S, 1731A and 1033C in substantial black leatherette roll. "Standard" Set No. 01000 similar to above but containing Wrenches 01721, 01725, 01727, 01027, 01731A and 01033C.

No. 1000—Set of 6 "Super Quality" Open End Wrenches in rollPrice \$4.74
Weight 2 1/2 lbs.

No. 01000—Set of 6 "Standard" Open End Wrenches in rollPrice \$3.30
Weight 2 1/2 lbs.

Tappet Wrenches Extra Thin Pattern



Super Quality

Drop forged from Chrome Vanadium Steel. Well balanced with accurate openings and highly polished, pear shaped heads. Triple plated satin finish. A quality tool in every respect.

No.	Size	Length	Weight Per Doz.	Price Each
T1	7/16" x 17/32"	7 1/8"	2 lb. 8 oz.	\$0.45
T1A	7/16" x 1/2"	7 1/8"	2 lb. 8 oz.	.45
T2	1/2" x 9/16"	7 7/8"	2 lb. 12 oz.	.48
T3	5/8" x 11/16"	8 1/2"	3 lb. -- oz.	.54
T4	3/4" x 7/8"	9"	4 lb. -- oz.	.66
T4A	3/4" x 13/16"	9"	4 lb. -- oz.	.66

Standard

Same design and material as the Super Quality type but not polished. Cadmium plated, rust proof finish. A good general purpose wrench.

No.	Size	Length	Weight Per Doz.	Price Each
TO1	7/16" x 17/32"	7 1/8"	2 lb. 8 oz.	\$0.23
TO1A	7/16" x 1/2"	7 1/8"	2 lb. 8 oz.	.23
TO2	1/2" x 9/16"	7 7/8"	2 lb. 12 oz.	.26
TO3	5/8" x 11/16"	8 1/2"	3 lb. -- oz.	.30
TO4	3/4" x 7/8"	9"	4 lb. -- oz.	.40
TO4A	3/4" x 13/16"	9"	4 lb. -- oz.	.40

Super Quality Extra Long Tappet Wrenches



These extra long, extra strong, drop forged, Chrome Vanadium Steel Tappet Wrenches are very essential on nearly all late model cars. Heavily plated, polished heads.

No.	Size	Length	Weight Per Doz.	Price Each
LT-14	7/16"	11 1/2"	2 1/2 lbs.	\$.84
LT-16	1/2"	11 1/2"	2 1/2 lbs.	.84
LT-17	17/32"	11 1/2"	2 1/2 lbs.	.84
LT-18	9/16"	11 1/2"	2 1/2 lbs.	.84
LT-20	5/8"	11 1/2"	4 1/2 lbs.	.90
LT-22	11/16"	11 1/2"	4 1/2 lbs.	.90

Long Tappet Wrench Sets

No. LT4F—Set of four, two each of 1/2" and 5/8", in a fibre cartonPrice \$3.36
Weight 12 oz.

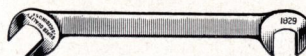
No. LT6F—Set of six, two each of 1/2", 9/16" and 5/8", in a fibre cartonPrice \$5.16
Weight 1 lb.

No. LT8F—Set of eight, two each of 7/16", 1/2", 9/16" and 5/8" in a fiber carton.....Price \$6.84
Weight 1 1/4 lbs.



Obstruction Type End Wrenches

Thin Head Pattern



These thin type Chrome Vanadium Steel Drop Forged Wrenches with the same size openings on both the 45° and 90° ends enables the user to operate in places such as brake adjustments, manifolds, etc., where it is difficult to use any other tool. Furnished in either "Super Quality" with polished heads and satin finish or "Standard" heavily plated but not polished.

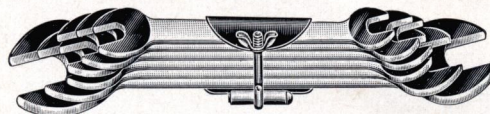
Super Quality

No.	Size	Length	Weight Per Doz.	Price Each
1821	$\frac{3}{8}$ "	$5\frac{1}{2}$ "	1 lb. 3 oz.	\$0.48
1823	$\frac{7}{16}$ "	$5\frac{1}{2}$ "	1 lb. 5 oz.	.48
1825	$\frac{1}{2}$ "	$6\frac{1}{2}$ "	2 lb. 3 oz.	.57
1827	$\frac{9}{16}$ "	$6\frac{1}{2}$ "	2 lb. 3 oz.	.57
1829	$\frac{5}{8}$ "	$7\frac{1}{2}$ "	2 lb. 15 oz.	.69
1830	$\frac{11}{16}$ "	$7\frac{1}{2}$ "	4 lb.	.69
1831	$\frac{3}{4}$ "	$7\frac{1}{2}$ "	4 lb.	.69

Standard

No.	Size	Length	Weight Per Doz.	Price Each
01821	$\frac{3}{8}$ "	$5\frac{1}{2}$ "	1 lb. 3 oz.	\$0.38
01823	$\frac{7}{16}$ "	$5\frac{1}{2}$ "	1 lb. 5 oz.	.38
01825	$\frac{1}{2}$ "	$6\frac{1}{2}$ "	2 lb. 3 oz.	.48
01827	$\frac{9}{16}$ "	$6\frac{1}{2}$ "	2 lb. 3 oz.	.48
01829	$\frac{5}{8}$ "	$7\frac{1}{2}$ "	2 lb. 15 oz.	.52
01830	$\frac{11}{16}$ "	$7\frac{1}{2}$ "	4 lb.	.52
01831	$\frac{3}{4}$ "	$7\frac{1}{2}$ "	4 lb.	.52

Chrome Vanadium Steel End Wrench Bundle Sets



Below are listed a number of bundle sets put up similar to illustrations above. These Wrenches are of the highest grade Chrome Vanadium Steel (all sizes are listed and described on page 7) and each assortment has been selected to give maximum utility.

6 Piece Set Openings: $\frac{5}{16}$ " to $\frac{3}{4}$ "

Contents

No.	Sizes	No.	Sizes
1721	$\frac{5}{16}$ " x $\frac{3}{8}$ "	1725A	$\frac{7}{16}$ " x $\frac{9}{16}$ "
1023	$\frac{13}{32}$ " x $\frac{1}{2}$ "	1027C	$\frac{9}{16}$ " x $\frac{11}{16}$ "
1025	$\frac{1}{2}$ " x $\frac{19}{32}$ "	1729	$\frac{5}{8}$ " x $\frac{3}{4}$ "

No. 1001—Super Quality Set of Six Wrenches listed above Price \$3.05

No. 01001—Standard Set of Six Wrenches listed above Price \$2.10
Weight $1\frac{1}{4}$ lbs.

6 Piece Set Openings: $\frac{7}{16}$ " to $\frac{7}{8}$ "

Contents

No.	Sizes	No.	Sizes
1725	$\frac{7}{16}$ " x $\frac{1}{2}$ "	1027	$\frac{19}{32}$ " x $\frac{11}{16}$ "
1725B	$\frac{1}{2}$ " x $\frac{9}{16}$ "	1028X	$\frac{25}{32}$ " x $\frac{13}{16}$ "
1727	$\frac{9}{16}$ " x $\frac{5}{8}$ "	1731A	$\frac{3}{4}$ " x $\frac{7}{8}$ "

No. 1002—Super Quality Set of Six Wrenches listed above Price \$3.35

No. 01002—Standard Set of Six Wrenches listed above Price \$2.45
Weight $1\frac{1}{4}$ lbs.

4 Piece Set Openings: $\frac{7}{16}$ " to $\frac{11}{16}$ "

Contents

No.	Sizes	No.	Sizes
1725	$\frac{7}{16}$ " x $\frac{1}{2}$ "	1727	$\frac{9}{16}$ " x $\frac{5}{8}$ "
1725B	$\frac{1}{2}$ " x $\frac{9}{16}$ "	1027	$\frac{19}{32}$ " x $\frac{11}{16}$ "

No. 1003—Super Quality Wrench Set of Four listed above Price \$2.00

No. 01003—Standard Set of Four Wrenches listed above Price \$1.45
Weight $\frac{3}{4}$ lb.

4 Piece Set Openings: $\frac{1}{2}$ " to $\frac{13}{16}$ "

Contents

No.	Sizes	No.	Sizes
1725B	$\frac{1}{2}$ " x $\frac{9}{16}$ "	1027	$\frac{19}{32}$ " x $\frac{11}{16}$ "
1727	$\frac{9}{16}$ " x $\frac{5}{8}$ "	1028X	$\frac{25}{32}$ " x $\frac{13}{16}$ "

No. 1004—Super Quality Set of Four Wrenches listed above Price \$2.10

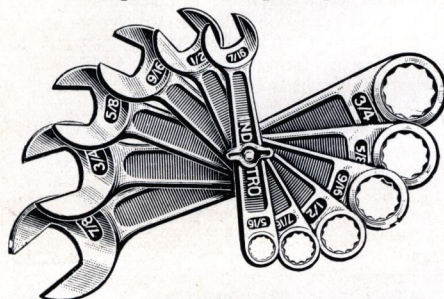
No. 01004—Standard Set of Four Wrenches listed above Price \$1.60
Weight $\frac{3}{4}$ lb.



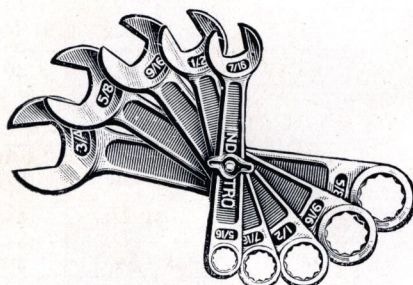
Tools FOR SERVICE

Special Alloy Open-Box End Wrenches

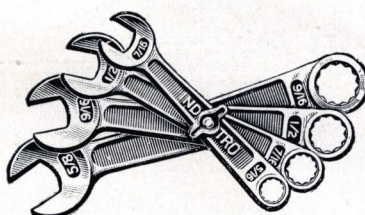
The illustrated Wrench Sets meet the most popular demand of any Wrench Set on the market for either the HARDWARE or AUTOMOTIVE trade. Each Wrench is carefully drop forged from select alloy steel in attractive panel type with openings plainly marked on each end. The open ends are at a convenient 15° angle while the box type openings are accurately broached in the popular 12 Point style that enables a new grip every 30°. Compactly held together with screw and wing nut and rust-proof plated.



No. 900—Set of Six Wrenches.....Price \$1.00
Weight 1 1/4 lbs.



No. 900-5—Set of Five Wrenches.....Price \$0.74
Weight 1 lb.



No. 900-4—Set of Four Wrenches.....Price \$0.55
Weight 3/4 lb.

Individual Wrenches

No.	Size		Length	Price
	Box	Open		
901	5/16"	7/16"	4"	\$0.12
902	7/16"	1 1/2"	4 1/2"	.14
903	1 1/2"	9/16"	5"	.15
904	9/16"	5/8"	5 3/4"	.16
905	5/8"	3/4"	6 1/2"	.20
906	3/4"	7/8"	7 1/4"	.25

Special Alloy Box Wrenches

The four individual Wrenches as well as the sets listed below give good quality Alloy Steel drop forged, 12 Point Box Wrenches at the most reasonable price, tools of this quality have been offered. The panel design gives additional strength where most needed. The 15° angle of the head makes them most useful. Heat treated, tempered, hardened, and heavily plated.



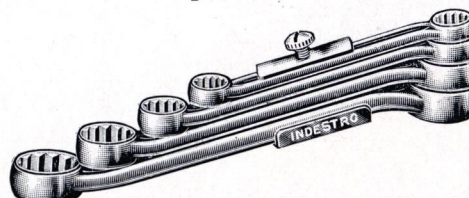
No.	Sizes	Length	Price
921	3/8" x 7/16"	4 1/2"	\$.18 1/2
922	1/2" x 9/16"	5 1/4"	.18 1/2
923	5/8" x 11/16"	6 1/4"	.26
924	3/4" x 25/32"	7 1/4"	.32 1/2

Average weight 1/2 lb.

No. 920-3F—Set of first three Wrenches listed above in fiber cartonPrice \$0.63
Weight 12 oz.

No. 920-4F—Set of four Wrenches listed above in fiber cartonPrice \$0.96
Weight 1 1/4 lbs.

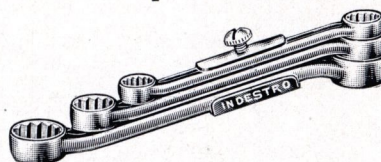
Four Piece "KlipTite" Box Wrench Set



The four Wrenches numbers 921, 922, 923 and 924 listed and described above have been so designed as to nest in a convenient holder from which any Wrench is easily removed.

No. 920-4K—Four Piece "KlipTite" Box Wrench SetPrice \$1.00
Weight 1 1/4 lbs.

Three Piece "KlipTite" Box Wrench Set



This set includes numbers 921, 922 and 923 put up in a similar manner to the set listed above and includes the most popular and frequently used openings.

No. 920-3K—Three Piece "KlipTite" Box Wrench SetPrice \$0.65
Weight 12 oz.

Tools FOR SERVICE



Drop Forged Alloy Steel



Engineer's Wrenches

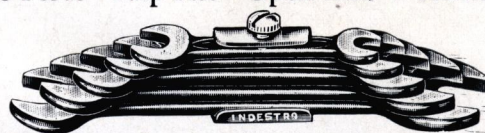
No.	Size Openings	Length	Weight Each lbs. oz.	Price
C-721	5/16" x 3/8"	3 3/4"	1	\$0.21
C-21	5/16" x 13/32"	3 3/4"	1	
C-722	5/16" x 7/16"	4 1/8"	2	.26
C-22	5/16" x 1/2"	4 1/8"	2	
C-723	3/8" x 7/16"	4 1/8"	2	
C-723A	3/8" x 1/2"	4 1/8"	2	
C-23	13/32" x 1/2"	4 1/8"	2	.30
C-724	3/8" x 9/16"	5"	3	
C-24	13/32" x 19/32"	5"	3	
C-725	7/16" x 1/2"	5"	3	
C-725A	7/16" x 9/16"	5"	3	
C-725B	1/2" x 9/16"	5"	3	
C-25	1/2" x 19/32"	5"	3	.38
C-726	1/2" x 5/8"	6"	5	
C-26	1/2" x 11/16"	6"	5	
C-727	9/16" x 5/8"	6"	5	
C-27C	9/16" x 11/16"	6"	5	
C-27	19/32" x 11/16"	6"	5	
C-728	9/16" x 3/4"	7 1/8"	7	.45
C-28	19/32" x 25/32"	7 1/8"	7	
C-729	5/8" x 3/4"	7 1/8"	7	
C-28-S	5/8" x 25/32"	7 1/8"	7	
C-29	11/16" x 25/32"	7 1/8"	7	
C-730	5/8" x 13/16"	8"	10	.54
C-730-A	5/8" x 7/8"	8"	10	
C-30	11/16" x 7/8"	8"	10	
C-731	3/4" x 13/16"	8"	10	
C-731-A	3/4" x 7/8"	8"	10	
C-31	25/32" x 7/8"	8"	10	
C-731-B	13/16" x 7/8"	8"	10	
C-732-A	3/4" x 1"	9"	14	.66
C-32	25/32" x 31/32"	9"	14	
C-33-B	13/16" x 15/16"	9"	14	
C-732	13/16" x 1"	9"	14	
C-33-A	7/8" x 15/16"	9"	14	
C-33	7/8" x 31/32"	9"	14	
C-733	7/8" x 1"	9"	14	
C-33-C	15/16" x 1"	9"	14	
C-34	7/8" x 1 1/16"	10"	1 4	
C-734	7/8" x 1 1/8"	10"	1 4	
C-34-A	15/16" x 1 1/16"	10"	1 4	.84
C-35-A	15/16" x 1 1/8"	10"	1 4	
C-35	31/32" x 1 1/16"	10"	1 4	
C-735	1" x 1 1/8"	10"	1 4	
C-36	31/32" x 1 1/4"	12"	1 12	1.15
C-736	1" x 1 1/4"	12"	1 12	
C-37	1 1/16" x 1 1/4"	12"	1 12	
C-737	1 1/8" x 1 1/4"	12"	1 12	
C-37-A	1 1/8" x 1 5/16"	12"	1 12	
C-38	1 1/16" x 1 7/16"	13 1/2"	2 10	1.68
C-738	1 1/8" x 1 3/8"	13 1/2"	2 10	
C-739	1 1/4" x 1 3/8"	13 1/2"	2 10	
C-39	1 1/4" x 1 7/16"	13 1/2"	2 10	
C-739-A	1 1/4" x 1 1/2"	13 1/2"	2 10	
C-39-A	1 5/16" x 1 1/2"	13 1/2"	2 10	
C-739B	1 3/8" x 1 1/2"	13 1/2"	2 10	
C-40	1 1/4" x 1 5/8"	15 1/2"	3 14	2.28
C-41	1 7/16" x 1 5/8"	15 1/2"	3 14	
C-741	1 1/2" x 1 11/16"	15 1/2"	3 14	

All Wrenches listed in left hand column are baked black enamel with the faces ground to a bright finish. Heads set at 15° angle. Drop forged from carbon steel, accurately machined, tempered and hardened. Packed 12 to the carton except the last four groups which are packed 6 to the carton.

"KlipTite" Open End Wrench Set

The Sets listed below have an improved type, attractively enameled metal clip making them both convenient as well as useful. Wrenches finished in three styles: Natural Black is an oil hardened finish; Baked Enamel is black with ground heads; Cadmium Plated is bright and rust proof.

Five Piece "KlipTite" Open End Wrench Sets



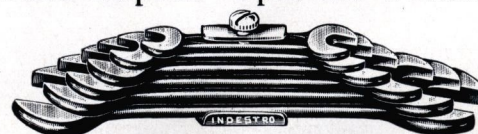
The Large Range Five Piece Set has openings 3/8", 7/8", 1/2", 9/16", 11/16", 5/8", 11/8", 3/4", 33/32", and 7/8". Weight 1 1/2 lbs.

Finish	Natural Black	Baked Enamel	Cadmium Plated
No.	940-5N	940-5B	940-5C
Price	\$0.60	\$0.68	\$0.68

The Small Range Five Piece Set has openings 5/16", 3/8", 11/16", 7/8", 1/2", 9/16", 11/16", 5/8", 11/8", and 3/4". Weight 1 lb.

Finish	Natural Black	Baked Enamel	Cadmium Plated
No.	930-5N	930-5B	930-5C
Price	\$0.48	\$0.54	\$0.54

Six Piece "KlipTite" Open End Wrench Sets



The Large Range Six Piece Set has openings 3/8", 7/8", 1/2", 9/16", 11/16", 5/8", 11/8", 3/4", 33/32", 11/8", 7/8", and 11/8". Weight 2 3/4 lbs.

Finish	Natural Black	Baked Enamel	Cadmium Plated
No.	940-6N	940-6B	940-6C
Price	\$0.76	\$0.88	\$0.88

The Small Range Six Piece Set has openings 5/16", 3/8", 11/16", 7/8", 1/2", 9/16", 11/16", 5/8", 11/8", 3/4", 33/32", and 7/8". Weight 2 lbs.

Finish	Natural Black	Baked Enamel	Cadmium Plated
No.	930-6N	930-6B	930-6C
Prices	\$0.64	\$0.74	\$0.74

CHICAGO

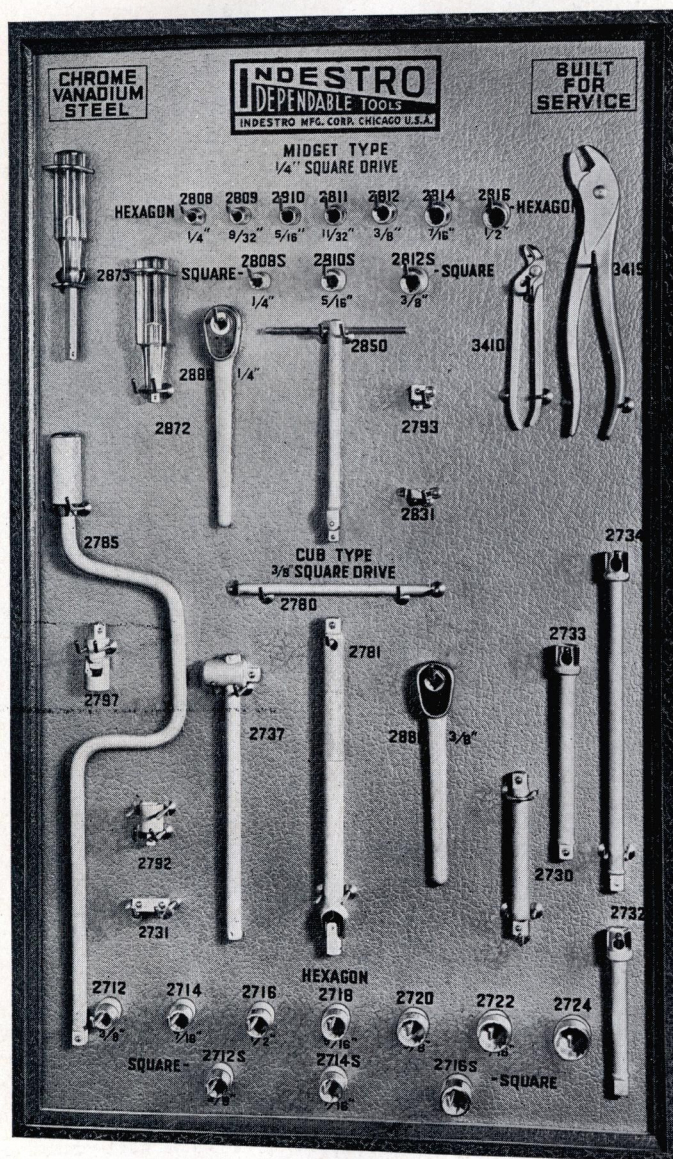
INDESTRO
MFG. CORP.

U. S. A.



Tools FOR SERVICE

Super Quality Midget-Cub Display Board



No. 84DB Display Board

The above 19"x31" Display Board affords a most attractive and convenient method of stocking and merchandising forty different sockets, fittings, etc., in the Midget ($\frac{1}{4}$ " square drive) and "Cub" ($\frac{3}{8}$ " square drive) series. The stock of two each of the above forty items is most complete, yet small enough to avoid an over stock. The background is of heavy plywood finished in copper color, bound by heavy wood frame in dark green finish.

No. 84DB—Display Board complete.....Price \$40.44

Weight 32 lbs.

Note: Display Boards furnished free only with assortment as shown. List price of Board without tools, \$9.00.

Chrome Vanadium Steel Contents as Follows:

MIDGET TYPE

$\frac{1}{4}$ " Square Drive

Quan.	No.	Description
2	2793	$\frac{1}{4}$ "x $\frac{3}{8}$ " Male Adaptor
2	2808	$\frac{1}{4}$ " Hexagon Socket
2	2809	$\frac{9}{32}$ " Hexagon Socket
2	2810	$\frac{5}{16}$ " Hexagon Socket
2	2811	$\frac{11}{32}$ " Hexagon Socket
2	2812	$\frac{3}{8}$ " Hexagon Socket
2	2814	$\frac{7}{16}$ " Hexagon Socket
2	2816	$\frac{1}{2}$ " Hexagon Socket
2	2808S	$\frac{1}{4}$ " Square Socket
2	2810S	$\frac{5}{16}$ " Square Socket
2	2812S	$\frac{3}{8}$ " Square Socket
2	2831	$\frac{3}{4}$ " Adaptor
2	2850	Swing Head Handle and Cross Bar
2	2872	4" Spinner Handle
2	2873	6" Spinner Handle
3	2888 $\frac{1}{4}$	Ratchet

CUB TYPE

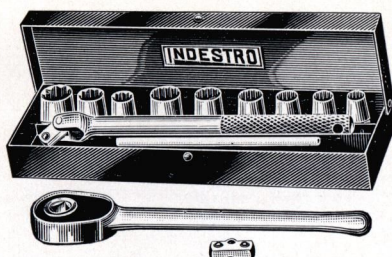
$\frac{3}{8}$ " Square Drive

2	2712	$\frac{3}{8}$ " Hexagon Socket
2	2714	$\frac{7}{16}$ " Hexagon Socket
2	2716	$\frac{1}{2}$ " Hexagon Socket
2	2718	$\frac{9}{16}$ " Hexagon Socket
2	2720	$\frac{5}{8}$ " Hexagon Socket
2	2722	$\frac{11}{16}$ " Hexagon Socket
2	2724	$\frac{3}{4}$ " Hexagon Socket
2	2712S	$\frac{3}{8}$ " Square Socket
2	2714S	$\frac{7}{16}$ " Square Socket
2	2716S	$\frac{1}{2}$ " Square Socket
2	2730	4 $\frac{1}{2}$ " Extension
2	2731	1" Extension
2	2732	4 $\frac{1}{2}$ " Extension Adaptor
2	2733	6" Extension Adaptor
2	2734	9" Extension Adaptor
2	2737	Slide T Handle
2	2780	Slide Bar
2	2781	Swing Head Handle
2	2785	17" Speeder Handle
2	2792	$\frac{3}{8}$ " x $\frac{1}{4}$ " Reducing Adaptor
2	2797	Universal Adaptor
3	2888 $\frac{3}{8}$	Ratchet
3	3410	Ignition Pliers
3	3415	Battery Pliers

Tools FOR SERVICE



Super Quality Midget Socket Wrenches Chrome Vanadium Steel



1/4" Square Drive

For use where space and clearances are limited and where small sized nuts and bolts are found. Made from Chrome Vanadium Steel, properly heat treated, tempered and hardened. Triple plated duplex finish.



13 Piece Midget Set

Swing Head Handle—4" Slide Cross Bar
1" Extension Adaptor—Ratchet Handle

1/4" 6 Point Hex. Socket	7/16" 12 Point Hex. Socket
3/8" 6 Point Hex. Socket	7/8" 8 Point Sq. Socket
1/2" 6 Point Hex. Socket	1" 8 Point Sq. Socket
5/8" 12 Point Hex. Socket	1 1/8" 8 Pt. Sq. Socket
3/4" 12 Point Hex. Socket	

No. 2801—13 Piece Midget Set.....Price \$3.30
Weight 1 1/8 lbs.

Midget Swing Head Handle with Cross Bar



A 4" Slide Cross Bar furnished with this handle makes it either a "T" or offset handle, that can be used at any angle required. A most versatile and therefore essential tool for any mechanic. 6 1/2" long.

No. 2850—Midget Flexible Head Handle with CrossbarPrice \$0.80
Weight 1/2 lb.

Midget Ratchet



Fully drop forged handle with properly hardened and tempered steel gears. No rivets or bolts used in the entire tool. Nothing to get out of order. Easy ratchet action for fast and dependable work. 5" long.

No. 2888-1/4"—Midget RatchetPrice \$1.30
Weight 1/2 lb.

Midget Adaptors and Spinners



No. 2793



No. 2872-2873



No. 2831



No. 2875

No. 2831—Midget 3/4" Short Adaptor.....Price \$0.20
No. 2793—1/4"x3/8" Increasing AdaptorPrice .33
No. 2872—4" Spinner Handle.....Price .48
No. 2873—6" Spinner with Yellow Transparent Handle.....Price .51
No. 2875—6" Spinner with black moulded handle.....Price .35
Weight 3 oz.

11 Piece Midget Set

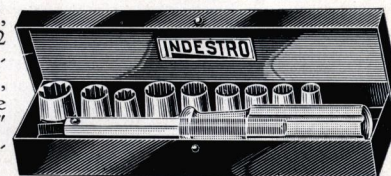
Swing Head Handle—4" Slide Cross Bar

1/4" 6 Point Hex. Socket	7/16" 12 Point Hex. Socket
3/8" 6 Point Hex. Socket	7/8" 8 Point Sq. Socket
1/2" 6 Point Hex. Socket	1" 8 Point Sq. Socket
5/8" 12 Point Hex. Socket	1 1/8" 8 Point Sq. Socket
3/4" 12 Point Hex. Socket	

No. 2800—11 Piece Midget Set.....Price \$2.10
Weight 1 1/8 lbs.

10 Piece Midget Set

Has 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" 12 Point or single hexagon sockets, 1/4", 1/2" and 3/8" square sockets and 6" Shock-Proof Spinner Handle.



No. 2802—10 Piece Midget Socket Set.....Price \$2.00
Weight 14 oz.

Midget Sockets

Hexagon			Square		
No.	Size	Price	No.	Size	Price
2806*	3/16"	\$0.18	2806S*	3/16"	\$0.18
2807*	7/32"	.18	2807S*	7/32"	.18
2808*	1/4"	.18	2808S	1/4"	.18
2809*	9/32"	.18	2810S	5/16"	.18
2810*	5/16"	.18	2812S	3/8"	.18
2811	11/32"	.18			
2812	3/8"	.18			
2814	7/16"	.18			
2816	1/2"	.18			

Note: *These items are single hexagon and single square others are "12 Point" and "8 Point."

Special Reversible Midget Ratchet



This is a good tool at a moderate price. The pressed carbon steel side plates form a strong tool completely enclosing all mechanism. A slight pressure on thumb latch instantly reverses the direction of Ratchet. 5 1/2" long, 1/4" square drive, heavily plated.

No. 673-1/4S—Midget Reversible Ratchet.....Price \$0.36
Weight 1/4 lb.



Tools FOR SERVICE

Super Quality Chrome Vanadium Steel "Cub" Socket Sets and Tools

$\frac{3}{8}$ " Square Drive

"Cub" Tools are designed for fast, dependable work in places that are hard to reach and that do not allow the use of regular sized tools although the maximum strength is required. Chrome Vanadium Steel in our tools assures extreme toughness and tensile strength. Attractive triple plated, satin finish with polished ends. $\frac{3}{8}$ " square drive makes our tools interchangeable with other makes.

Swing Head Handle



An indispensable tool of extremely strong construction. Has a spring friction radius regulator in swing head. Can be used as extension adaptor with our "Cub" Ratchet. Length overall, 10". Triple plated satin finish with polished head.

No. 2781—"Cub" Flexible Handle.....Price \$1.32
Weight 1 lb.



To convert the above tool into "T" Handle, use our $\frac{5}{16}$ " Slide Bar.

No. 2780—Slide Cross Bar.....Price \$0.15

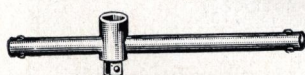
"Cub" Ratchet



One of the most efficient tools for a mechanic for work in limited space. Due to the extremely narrow and flat design of the head combined with the easy spring ratchet action it can be operated where other tools are too clumsy for efficient work. Drop forged handle, 6" overall. Attractive satin finish with polished head.

No. 2888— $\frac{3}{8}$ " "Cub" Ratchet.....Price \$1.30
Weight $\frac{1}{2}$ lb.

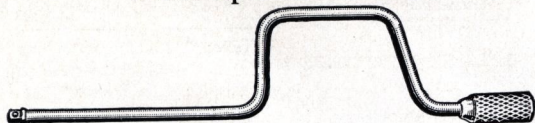
"Cub" Slide T Handle



Slide T Handle with $\frac{3}{8}$ " square male and female drives, 8" long.

No. 2737—"Cub" Slide T Handle.....Price \$0.72
Weight $\frac{1}{2}$ lb.

"Cub" Speeder Handle



Speeder Handle $\frac{3}{8}$ " square drive, 6" sweep, 16" overall with rotating knob handle.

No. 2785—"Cub" Speeder Handle.....Price \$0.96
Weight 1 lb.

"Cub" Universal Joint

A short three piece universal with $\frac{3}{8}$ " square male and female connections.



No. 2797—"Cub" Universal Joint.....Price \$1.20
Weight $\frac{1}{4}$ lb.

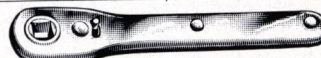
"Cub" Sockets



Extremely thin wall sockets of tough, light weight construction. Accurate broaching. Triple plated satin finish with polished ends.

Hexagon 12 Point			Square 8 Point		
No.	Size	Price	No.	Size	Price
2712	$\frac{3}{8}$ "	\$0.27	2712S	$\frac{3}{8}$ "	\$0.27
2714	$\frac{7}{16}$ "	.27	2714S	$\frac{7}{16}$ "	.27
2716	$\frac{1}{2}$ "	.27	2716S	$\frac{1}{2}$ "	.27
2718	$\frac{9}{16}$ "	.27			
2720	$\frac{5}{8}$ "	.27			
2722	$\frac{11}{16}$ "	.33			
2724	$\frac{3}{4}$ "	.33			

Reversible Ratchet



This is a good tool at a moderate price. The pressed carbon steel side plates form a strong tool completely enclosing all mechanism. A slight pressure on thumb latch instantly reverses the direction of Ratchet. $6\frac{1}{4}$ " long, $\frac{3}{8}$ " square drive, heavily plated.

No. 2178S—Reversible RatchetPrice \$0.36
Weight 6 oz.

"Cub" Extensions



For use with our "Cub" Ratchet, we furnish extensions which will enable the mechanic to overcome most obstructions. Triple plated satin finish.

No. 2731—"Cub" 1" Extension.....Price \$0.20
No. 2730—"Cub" $4\frac{1}{2}$ " Extension.....Price \$0.33
No. 2793— $\frac{3}{8}$ " x $\frac{1}{4}$ " Reducing Adaptor.....Price \$0.33
No. 3233— $\frac{3}{8}$ " x $\frac{1}{2}$ " Increasing Adaptor.....Price \$0.48

"Cub" Extension Adaptors



With cross hole in head to take No. 2780 Cross Bar.

No. 2732— $4\frac{1}{2}$ " Extension AdaptorPrice \$0.45
Weight 4 oz.
No. 2733—6" Extension Adaptor.....Price \$0.54
Weight 6 oz.
No. 2734—9" Extension AdaptorPrice \$0.60
Weight 8 oz.
No. 2735—12" Extension Adaptor.....Price \$0.66
Weight 10 oz.
No. 2736—18" Extension Adaptor.....Price \$0.81
Weight 14 oz.

Reducing Adaptor

This handy adaptor permits the use of "Midget" ($\frac{1}{4}$ " Square Drive) sockets with fittings shown on this page.

No. 491— $\frac{3}{8}$ " x $\frac{1}{4}$ " AdaptorPrice \$0.48
Weight 2 oz.



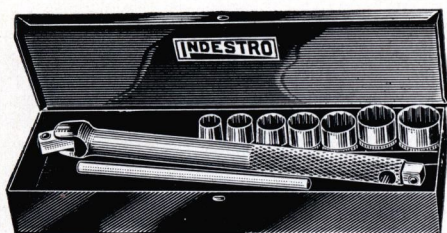


"Cub" Chrome Vanadium Steel Socket Sets

$\frac{3}{8}$ " Square Drive

"Cub" Tools are designed for fast, dependable work in places that are hard to reach and that do not allow the use of regular sized tools although the maximum in strength is required. Properly heat treated and tempered Chrome Vanadium Steel in our tools assures extreme toughness and tensile strength. Each tool is a masterpiece of accuracy, balance and efficiency. Attractive triple plated, satin finish with polished ends. $\frac{3}{8}$ " square drive makes our tools interchangeable with other makes in the "Cub" class.

9 Piece Set



CONTENTS

10" Swing Head Handle	$\frac{3}{8}$ " 12 Point Hex. Socket
$5\frac{1}{2}$ " Slide Bar	$\frac{5}{8}$ " 12 Point Hex. Socket
$\frac{3}{8}$ " 12 Point Hex. Socket	$\frac{11}{16}$ " 12 Point Hex. Socket
$\frac{1}{4}$ " 12 Point Hex. Socket	$\frac{3}{4}$ " 12 Point Hex. Socket
$\frac{1}{2}$ " 12 Point Hex. Socket	

No. 2700—9 Piece "Cub" Socket Set.....Price \$3.30
Weight 2 $\frac{1}{2}$ lbs.

12 Piece Set



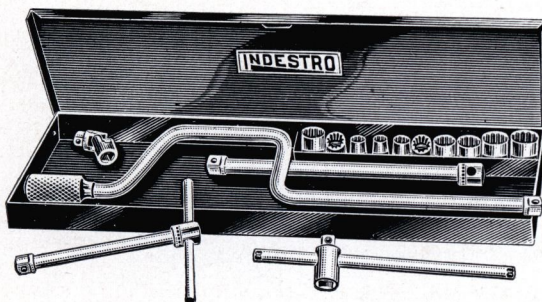
CONTENTS

10" Swing Head Handle	$\frac{1}{8}$ " 12 Point Hex. Socket
$5\frac{1}{2}$ " Slide Bar	$\frac{1}{2}$ " 12 Point Hex. Socket
6" Ratchet Handle	$\frac{3}{8}$ " 12 Point Hex. Socket
1" Adaptor	$\frac{5}{8}$ " 12 Point Hex. Socket
$4\frac{1}{2}$ " Extension Adaptor	$\frac{11}{16}$ " 12 Point Hex. Socket
$\frac{3}{8}$ " 12 Point Hex. Socket	$\frac{3}{4}$ " 12 Point Hex. Socket

No. 2701—12 Piece "Cub" Socket Set.....Price \$4.90
Weight 3 lbs.

For those preferring "Cub" sets with speeder handles, and larger boxes we have arranged very complete sets as illustrated below. In the twenty-piece set is included four popular midget series of sockets ($\frac{1}{4}$ " square drive) together with $\frac{3}{8}$ " x $\frac{1}{4}$ " adaptor which permits these sockets being used with "Cub" speeders and other fittings. Box sizes, 17" x 5" x 1 $\frac{1}{4}$ ".

16 Piece Set

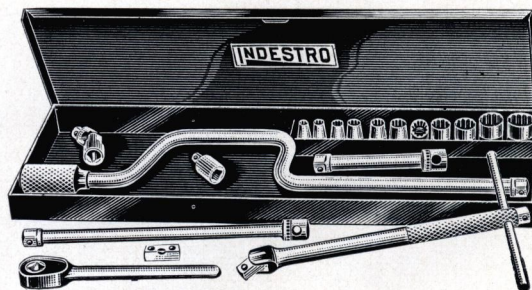


CONTENTS

16" Speeder	$\frac{1}{2}$ " 8 Point Square Socket
8" Slide T Handle	$\frac{3}{8}$ " 12 Point Hex. Socket
6" Extension Adaptor	$\frac{1}{8}$ " 12 Point Hex. Socket
9" Extension Adaptor	$\frac{1}{2}$ " 12 Point Hex. Socket
$5\frac{1}{2}$ " Slide Bar	$\frac{1}{8}$ " 12 Point Hex. Socket
Universal Joint	$\frac{5}{8}$ " 12 Point Hex. Socket
$\frac{3}{8}$ " 8 Point Square Socket	$\frac{11}{16}$ " 12 Point Hex. Socket
$\frac{1}{8}$ " 8 Point Square Socket	$\frac{3}{4}$ " 12 Point Hex. Socket

No. 2706—16 Piece "Cub" Socket Set.....Price \$6.90
Weight 5 lbs.

20 Piece Set



CONTENTS

Ratchet Handle	* $\frac{3}{8}$ " 12 Point Hex. Socket
16" Speeder	* $\frac{5}{8}$ " 12 Point Hex. Socket
10" Swing Head Handle	$\frac{11}{16}$ " 12 Point Hex. Socket
$5\frac{1}{2}$ " Slide Bar	$\frac{3}{8}$ " 12 Point Hex. Socket
$4\frac{1}{2}$ " Extension Adaptor	$\frac{1}{8}$ " 12 Point Hex. Socket
9" Extension Adaptor	$\frac{1}{2}$ " 12 Point Hex. Socket
1" Adaptor	$\frac{5}{8}$ " 12 Point Hex. Socket
$\frac{3}{8}$ " x $\frac{1}{4}$ " Reducing Adaptor	$\frac{11}{16}$ " 12 Point Hex. Socket
Universal Joint	$\frac{3}{8}$ " 12 Point Hex. Socket
* $\frac{1}{4}$ " 12 Point Hex. Socket	$\frac{3}{4}$ " 12 Point Hex. Socket

Note: *These sockets supplied in single Hex. (6 Point).

No. 2708—20 Piece "Cub" Socket Set.....Price \$9.00
Weight 6 lbs.

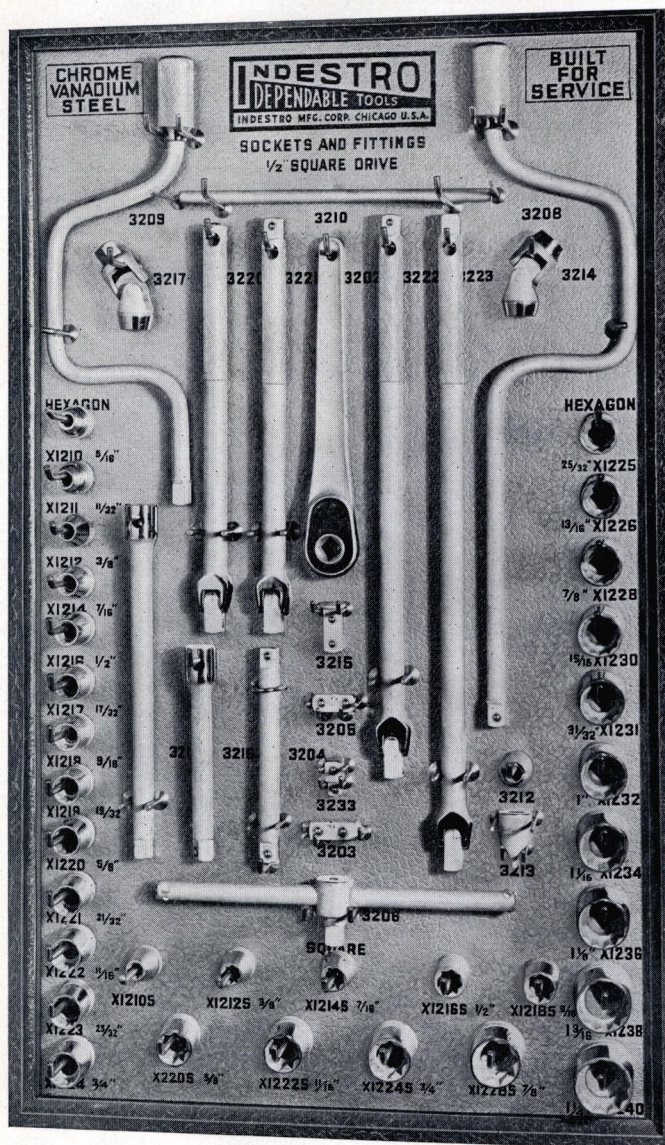


Tools FOR SERVICE

Super Quality Chrome Vanadium Steel Socket and Fitting Display Board

Contents as follows:

$\frac{1}{2}$ " Square Drive



No. 104-DB Display Board

Fifty-two different Sockets and Fittings with standard $\frac{1}{2}$ " square drive—just the size for shelf ends behind your counter or any convenient wall space. Substantial board and frame finished in bronze, black, green, and red.

Quan.	No.	Description
2	X1210	$\frac{5}{16}$ " Hexagon Socket
2	X1211	$\frac{11}{32}$ " Hexagon Socket
2	X1212	$\frac{3}{8}$ " Hexagon Socket
2	X1214	$\frac{7}{16}$ " Hexagon Socket
2	X1216	$\frac{1}{2}$ " Hexagon Socket
2	X1217	$\frac{17}{32}$ " Hexagon Socket
2	X1218	$\frac{9}{16}$ " Hexagon Socket
2	X1219	$\frac{19}{32}$ " Hexagon Socket
2	X1220	$\frac{5}{8}$ " Hexagon Socket
2	X1221	$\frac{21}{32}$ " Hexagon Socket
2	X1222	$\frac{11}{16}$ " Hexagon Socket
2	X1223	$\frac{23}{32}$ " Hexagon Socket
2	X1224	$\frac{3}{4}$ " Hexagon Socket
2	X1225	$\frac{25}{32}$ " Hexagon Socket
2	X1226	$\frac{13}{16}$ " Hexagon Socket
2	X1228	$\frac{7}{8}$ " Hexagon Socket
2	X1230	$\frac{15}{16}$ " Hexagon Socket
2	X1231	$\frac{31}{32}$ " Hexagon Socket
2	X1232	1" Hexagon Socket
2	X1234	$\frac{11}{16}$ " Hexagon Socket
2	X1236	$\frac{11}{8}$ " Hexagon Socket
2	X1238	$\frac{13}{16}$ " Hexagon Socket
2	X1240	$\frac{11}{4}$ " Hexagon Socket
2	X1210S	$\frac{5}{16}$ " Square Socket
2	X1212S	$\frac{3}{8}$ " Square Socket
2	X1214S	$\frac{7}{16}$ " Square Socket
2	X1216S	$\frac{1}{2}$ " Square Socket
2	X1218S	$\frac{9}{16}$ " Square Socket
2	X1220S	$\frac{5}{8}$ " Square Socket
2	X1222S	$\frac{11}{16}$ " Square Socket
2	X1224S	$\frac{3}{4}$ " Square Socket
2	X1228S	$\frac{7}{8}$ " Square Socket
2	3202	Ratchet Handle
2	3203	Screw Driver Adaptor
2	3204	6" Extension
2	3205	Short Square Adaptor
2	3206	Slide T Handle
2	3208	19" Speeder Handle
2	3209	12" Speeder Handle
8	3210	9" Slide Bar
2	3211	10" Extension Adaptor
2	3212	Alemite Socket
2	3213	Drag Link Socket
2	3214	Universal Joint
2	3215	Plug Adaptor
2	3216	6" Extension Adaptor
2	3217	Universal Adaptor
2	3220	11 $\frac{1}{2}$ " Swing Head Handle
2	3221	11 $\frac{1}{2}$ " Swing Head Handle
2	3222	15 $\frac{1}{2}$ " Swing Head Handle
2	3223	18" Swing Head Handle
2	3233	$\frac{1}{2}$ " x $\frac{3}{8}$ " Reducing Adaptor

No. 104-DB—Socket and Fitting Display Board.....Price \$55.44

Note: Display Boards furnished free only with assortment as shown. List price of Board without tools, \$9.00.

Weight 65 lbs.

Tools FOR SERVICE



Super Quality Chrome Vanadium Steel Handles and Fittings

1/2" Square Drive

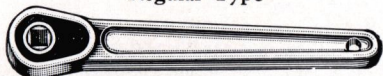
All fittings listed below are of the highest grade construction and design that will please the most exacting mechanic. All are interchangeable with any standard 1/2" square sockets and fittings. All parts are heavily plated.

Heavy Duty Ratchet Handles



Reversible Type
A rugged Ratchet that will stand up under unusual conditions. Slight pressure on thumb lever instantly reverses action.
No. 3202-R—Reversible Ratchet.....Price \$2.20

Regular Type



The new construction of this heavy duty ratchet makes it one of the strongest and most reliable on the market. No rivets are used and there are only three moving parts. 10" long.
No. 3202—Heavy Duty Ratchet.....Price \$1.60
Weight 1 lb.



Ratchet Adaptor Plug

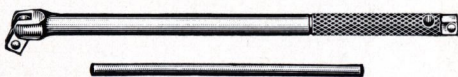
For use with either of the above Ratchets.
No. 3215—Ratchet Plug Adaptor....Price \$0.24

Speeder Handles



Fitted with knurled revolving handles and friction balls.
No. 3208—Long Speeder Handle, 19" long.....Price \$0.75
Weight 1 3/4 lbs.
No. 3209—Short Speeder Handle, 12" long.....Price \$0.66
Weight 1 1/4 lbs.

Swing Head Handles



No. 3223—18" Straight Type Swing Head Handle with 1/2" square ends.....Price \$1.80
Weight 2 1/4 lbs.
No. 3222—15 1/2" Straight Type Swing Head Handle, 1/2" square ends.....Price \$1.62
Weight 2 lbs.
No. 3221—11 1/2" Straight Type Swing Head Handle, 1/2" square ends.....Price \$1.41
Weight 1 1/2 lbs.
No. 3210—9" Cross Bar Only.....Price \$0.18
Weight 1/4 lb.

WITH PLAIN END



No. 3220—11 1/2" Straight Type Swing Head Handle, with plain end.....Price \$1.29
Weight 1 1/4 lbs.



Slide "T" Handle

One of the most convenient and universally used of all handles. 1/2" standard square drive, 10" long.
No. 3206—Slide "T" Handle.....Price \$0.90
Weight 1 lb.

Universal Joint

A three piece universal enabling the use of sockets in hard to get at places.

No. 3214—Universal Joint.....Price \$0.60
Weight 6 oz.



"Hot-Broached" Sockets

Patented

These patented "Hot-Broached" Sockets represent an outstanding advance in socket wrench design. Laboratory tests, during the past year, have consistently demonstrated their superiority over ordinary sockets by a 14% to 22% increased tensile strength. Handsomely finished in triple plate with contrasting polished and satin surfaces.

"12 Point" Steel Sockets

No.	Size	Price	No.	Size	Price
X1210	5/16"	\$0.25	X1224	3/4"	\$0.38
X1211	3/8"	.25	X1225	7/8"	.38
X1212	1/2"	.25	X1226	1"	.38
X1214	5/8"	.25	X1228	1 1/8"	.38
X1216	3/4"	.25	X1230	1 1/4"	.33
X1217	7/8"	.32	X1231	1 3/8"	.38
X1218	1"	.32	X1232	1 1/2"	.46
X1219	1 1/8"	.32	X1234	1 3/4"	.50
X1220	1 1/4"	.34	X1236	1 7/8"	.56
X1221	1 3/8"	.34	X1238	2"	.56
X1222	1 1/2"	.34	X1240	2 1/4"	.56
X1223	1 3/4"	.38			



Square Steel Sockets

No.	Size	Price	No.	Size	Price
X1210S	5/16"	\$0.32	X1220S	5/8"	.38
X1212S	3/8"	.32	X1222S	3/4"	.38
X1214S	1/2"	.32	X1224S	7/8"	.38
X1216S	5/8"	.32	X1226S	1"	.50
X1218S	3/4"	.36			

Extra Deep Thin Wall Sockets

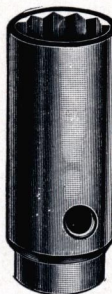
These Chrome Vanadium "Hot-Broached" Sockets are especially desirable to be used on running boards, shackles, fenders, body bolts as well as Spark Plugs.

*For 10 mm. Spark Plugs.

**For 14 mm. Spark Plugs.

†For Small 18 mm. Spark Plugs.

‡For Large 18 mm. Spark Plugs.



No.	Size	Price	No.	Size	Price
3016	1/2"	\$0.63	3028	1 1/8"	.78
3018	5/8"	.63	3029†	1 1/4"	.78
3020	3/4"	.66	3030	1 1/2"	.84
3022*	7/8"	.69	3032‡	1 3/4"	.90
3024	1"	.69	3034	1 7/8"	.96
3025	1 1/8"	.69	3036	2"	1.05
3026	1 1/4"	.72	3040	2 1/4"	1.14
3027**	1 1/2"	.72			

Drain Plug Sockets

No.	Size	Price	No.	Size	Price
3310	5/16"	\$0.30	3318	9/16"	\$0.33
3312	3/8"	.30	3320	5/8"	.33
3314	1/2"	.30	3322	3/4"	.36
3316	5/8"	.33	3324	7/8"	.36





Tools FOR SERVICE



Drag Link Socket

A standard Socket with $\frac{1}{2}$ " square drive and with bit for drag link, drain plugs, etc.

No. 3213—Drag Link Socket.....Price \$0.54

Socket for Alemite Fittings

A convenient as well as useful tool for removing and replacing Alemite fittings.

No. 3212—Socket for Alemite FittingsPrice \$0.21



Universal Joint Adaptor

An extremely strong, 3 piece universal joint adaptor. The male and female ends are designed to be used with standard $\frac{1}{2}$ " square fittings and handles.

No. 3217—Universal Joint AdaptorPrice \$0.92



Extension Adaptors



No. 3211



No. 3216



No. 3204



No. 3205



No. 3233



No. 3203

To be used in connection with standard $\frac{1}{2}$ " square sockets and fittings.

No. 3211—10" Extension AdaptorPrice \$0.66
No. 3204— 6" Extension with 2 Friction Balls.....Price .40
No. 3216— 6" Extension AdaptorPrice .54
No. 3205—13/4" Short Square Adaptor.....Price .24
No. 3203—Screw Driver Adaptor.....Price .33
No. 3233—Reducing Adaptor $\frac{1}{2}$ " to $\frac{3}{8}$ ".....Price .48

Increasing and Decreasing Adaptors



These Adaptors permit the use of various handles and fittings with a variety of other sockets and fittings of another series.

No.	Female	Male	Price
481	$\frac{1}{4}$ " Square	$\frac{3}{8}$ " Square	\$0.48
482	$\frac{3}{8}$ " "	$\frac{1}{2}$ " "	.48
483	$\frac{1}{2}$ " "	$\frac{3}{4}$ " "	.66
484	$\frac{3}{4}$ " "	1" "	1.02
491	$\frac{3}{8}$ " "	$\frac{1}{4}$ " "	.48
492	$\frac{1}{2}$ " "	$\frac{3}{8}$ " "	.48
493	$\frac{3}{4}$ " "	$\frac{1}{2}$ " "	.66
494	1" "	$\frac{3}{4}$ " "	1.02

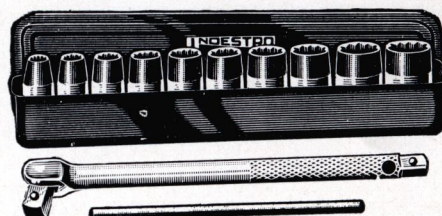
Super Quality Socket Wrench Sets

11 Piece Set



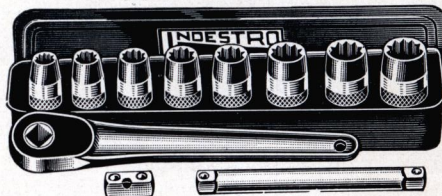
This assortment in an open display container makes it especially attractive from a merchandising angle. All parts are easily visible, although held together securely. The Set contains 11 1/2" Swing Head Handle and ten "Hot-Broached" Sockets: $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{8}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{11}{16}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", $\frac{11}{16}$ ", and $\frac{7}{8}$ ".
No. 3111C—11 Piece Chrome Vanadium Steel Socket Wrench SetPrice \$4.95
Price 3 3/4 lbs.

12 Piece Set in Slide Cover Box



A very attractive slide cover steel box is furnished for this Set. The assortment of tools is the same as listed above for Set No. 3111C with the addition of a Cross Bar.
No. 3112—11 Piece Chrome Vanadium Steel Socket Set in Slide Cover Box.....Price \$5.00
No. 3112X—Same Set as above except with 3220 Swing Head HandlePrice \$4.50
Weight 4 lbs.

11 Piece Set with Ratchet



This Set is very highly recommended for the mechanic who appreciates a neat and compact set which includes a quality ratchet. Furnished in an attractive slide cover metal case and includes 1 3/4" and 6" Extension Adaptors, Easy Action Ratchet and eight popular size "12 Point" Thin Nose Sockets: $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{8}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{11}{16}$ ", and $\frac{7}{8}$ ".
No. 3111B—11 Piece Chrome Vanadium Steel Ratchet Wrench SetPrice \$4.80
Weight 4 lbs.

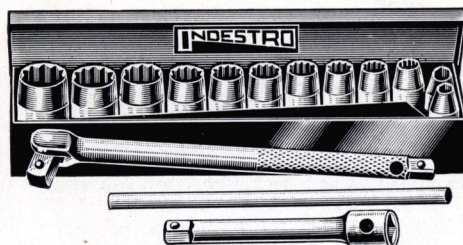


Super Quality Chrome Vanadium Steel Socket Sets

$\frac{1}{2}$ " Square Drive

The unusual strength and durability embodied in these sets gives them many advantages over other sets. Built to last a lifetime. Each set is packed in an attractive substantial display box. "Hot-Broached" Sockets of Chrome-Vanadium Steel are recognized by all mechanics as being the finest made.

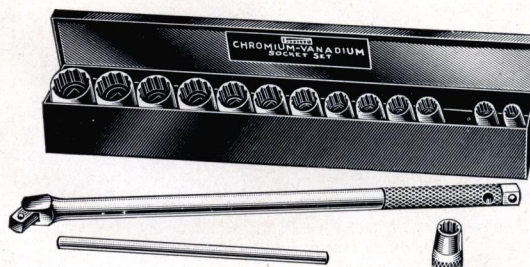
15 Piece Set



This compact set contains the most popular sizes of Sockets and the most essential tools. Contents: $11\frac{1}{2}$ " Swing Head Handle, 9" Cross Bar, 6" Extension Adaptor, 6 Point Hexagon Sockets $\frac{1}{8}$ " and $\frac{3}{8}$ ", 12 Point Hexagon Sockets $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ " and 1".

No. 3115—15-Piece Chrome Vanadium Steel Socket
Wrench SetPrice \$6.40
Weight $6\frac{1}{4}$ lbs.

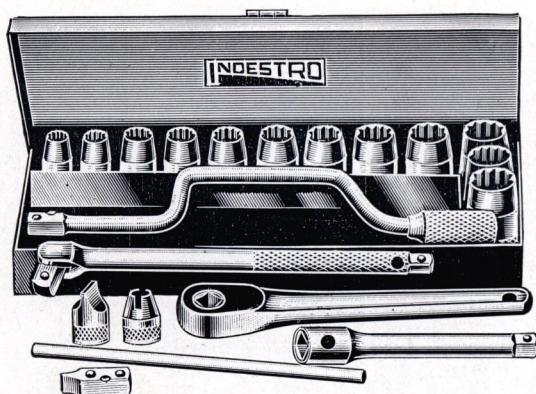
16 Piece Set



In this sixteen piece set is offered the most practical combination of Sockets. Set includes 18" Swing Head Handle with Cross Bar, and 12 Point Hexagon Chrome Vanadium Steel Sockets in the following sizes: $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{3}{4}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ " and 1".

No. 3116—16-Piece Chrome Vanadium Steel Socket
SetPrice \$7.20
Weight 8 lbs.

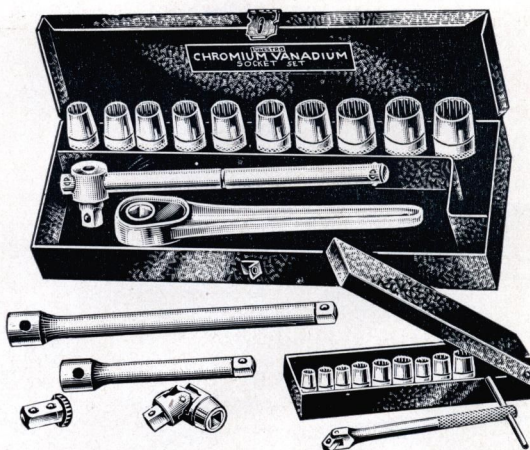
20 Piece Set



A most complete assortment, packed in attractive baked enamel steel container fitted with handle and clasp for locking. Contents: Swing Head Handle, Ratchet Handle, 6" Extension Adaptor, 9" Cross Bar, 12" Speeder Handle, Screw Driver Adaptor, Alemite Socket, Drag Link Socket, 12 Point Hexagon Sockets, $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ " and 1".

No. 3120—20 Piece Chrome Vanadium Steel Socket
Wrench SetPrice \$10.00
Weight $9\frac{1}{2}$ lbs.

27 Piece Set



This is a very practical mechanic's Set. Contents: $\frac{1}{2}$ " Square Drive—Ratchet Handle, Ratchet Plug Adaptor, Slide T Handle, Universal Joint Adaptor, 6" Extension Adaptor, 10" Extension Adaptor, Hexagon Sockets $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{3}{4}$ ", $\frac{5}{8}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ " and 1". $\frac{1}{4}$ " Square Drive—Swing Head Handle, 4" Slide Bar, Hexagon Sockets $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", and 8 Point Square Sockets $\frac{1}{4}$ ", $\frac{3}{8}$ " and $\frac{1}{2}$ ".

No. 3127—27 Piece Chrome Vanadium Steel Socket
Wrench SetPrice \$9.90
Weight 9 lbs.



Tools FOR SERVICE

Super Quality 36 Piece Chrome Vanadium Steel Sets

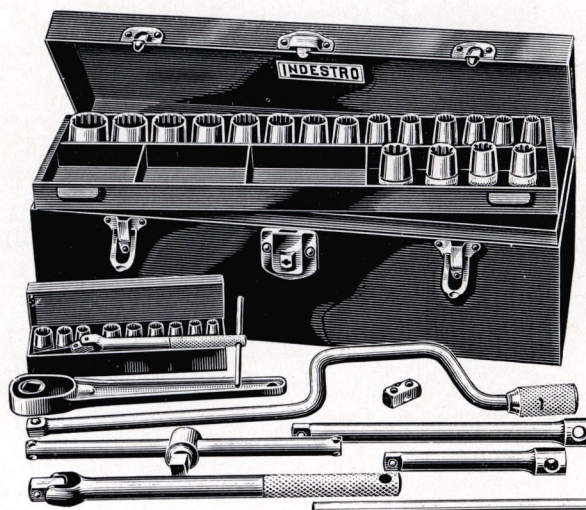
$\frac{1}{2}$ " Square Drive

The unusual strength and durability embodied in these sets gives them many advantages over other sets. Built to last a lifetime. Each set is packed in an attractive substantial display box. "Hot-Broached" Sockets of Chrome Vanadium Steel are recognized by all mechanics as being the finest made.

The two sets listed below are identical except length and type of Swing Head Handle. The tool chest is 19" x 6" x 6 $\frac{1}{2}$ ", provided with a lift-out tray. Contents as follows: Handles and Fittings; 11 $\frac{1}{2}$ " Swing Head Handle, Cross Bar, Long Speeder, Ratchet, 6" Extension Adaptor, 10" Extension Adaptor, Short Adaptor, Slide T Handle; Standard $\frac{1}{2}$ " Sq. Drive Sockets—Hexagon $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{11}{8}$ ", $\frac{7}{8}$ ", $\frac{11}{8}$ ", 1" and 1 $\frac{1}{8}$ "; Square $\frac{1}{2}$ ", $\frac{1}{8}$ ", $\frac{5}{8}$ " and $\frac{11}{8}$ "; Midget Sockets and Fittings, Swing Head Handle with Cross Bar, Hexagon Sockets $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ "; Square Sockets— $\frac{1}{8}$ ", $\frac{1}{4}$ " and $\frac{3}{8}$ ".

No. 3136-STB—36-Piece Chrome Vanadium Steel Socket
Set as illustrated and described above.....Price \$15.36

No. 3136-TB—Same as above with 15 $\frac{1}{2}$ " Swing Head
HandlePrice \$15.76
Weight 19 lbs.

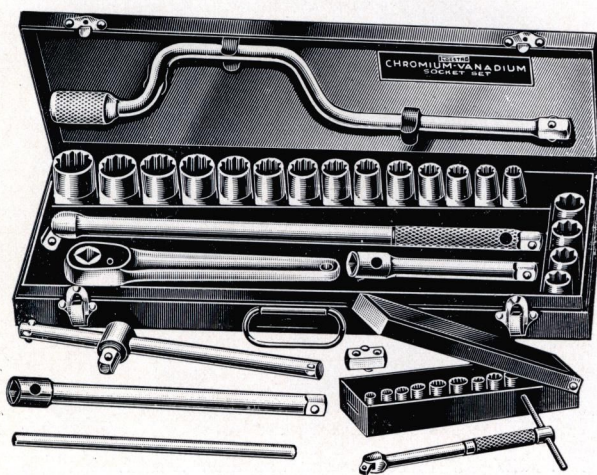


The three sets listed below and illustrated at left, contain the same parts as listed above and are offered in either a substantial flat type metal box as illustrated, or in a fiber container only, which enables the purchaser to put the box or set in a chest of his own choosing.

No. 3136—36-Piece Chrome Vanadium Steel Socket Set
as illustrated, with 15 $\frac{1}{2}$ " Swing Head Handle Price \$15.36
Weight 18 lbs.

No. 3136S—36-Piece Chrome Vanadium Steel Socket Set
same as above except with 11 $\frac{1}{2}$ " Swing Head Handle
.....Price \$14.96
Weight 18 lbs.

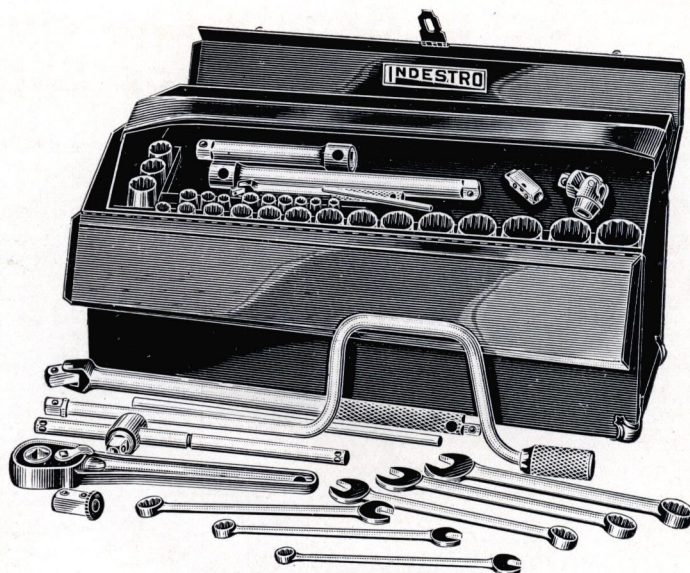
No. 3136F—36-Piece Chrome Vanadium Steel Socket Set,
same as No. 3136 except in fiber container....Price \$13.96
Weight 17 lbs.





44 Piece Chrome Vanadium Steel Socket Set in "Tote" Tray Chest

An ideal mechanic's set made up in 19"x7"x8½" heavy gauge tool box with full piano hinges, heavy hardware and hasp. Box has re-enforced corners and is equipped with convenient "Tote-Tray" with full length carrying handle so much appreciated by the mechanic. The set is complete enough to be most practical, yet sufficiently limited to serve as a foundation set to which the owner may add as he desires. Provided with eleven piece Midget set, and six popular Combination Open End-Box End Wrenches, with "Hot-Broached" Sockets ranging from ⅜" to 1¼".



"Hot-Broached" Sockets

CONTENTS

¼" Square Drive
6½" Swing Head Handle
4" Cross Bar
¼" Hexagon Socket
⅜" Hexagon Socket
⅝" Hexagon Socket
¾" Hexagon Socket
⅞" Hexagon Socket
1" Hexagon Socket
1¼" Square Socket
1½" Square Socket
1¾" Square Socket

Open-End Box-End Wrenches

⅜"
⅝"
¾"
⅞"
1"
1¼"

½" Square Drive

18" Swing Head Handle
9" Cross Bar
19" Speeder Handle

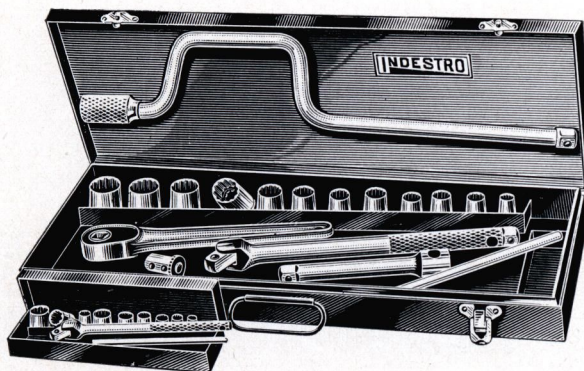
Reversible Ratchet
Ratchet Plug Adaptor
Screw Driver Adaptor
Universal Joint
Slide T Handle
6" Extension Adaptor
10" Extension Adaptor
⅞" Hexagon Socket
1½" Hexagon Socket
1¾" Hexagon Socket
⅞" Hexagon Socket
1½" Hexagon Socket

1½" Hexagon Socket
¾" Hexagon Socket
1½" Hexagon Socket
⅞" Hexagon Socket
1" Hexagon Socket
1¼" Hexagon Socket
1½" Hexagon Socket
1¼" Hexagon Socket
1½" Square Socket
1½" Square Socket
1½" Square Socket

No. 3144—44 Piece Chrome Vanadium Steel Socket Set

Price \$23.80
Weight 23½ lbs.

29 Piece Set



"Hot-Broached" Sockets

A very practical assortment of tools, including eleven piece Midget Set for the garage mechanic or car-owner.

CONTENTS

¼" Square Drive
6½" Swing Head Handle
4" Cross Bar
¼" Hexagon Socket
⅜" Hexagon Socket
⅝" Hexagon Socket
¾" Hexagon Socket
⅞" Hexagon Socket
1" Hexagon Socket
1¼" Square Socket
1½" Square Socket
1¾" Square Socket

½" Square Drive

11½" Swing Head Handle
9" Cross Bar

19" Speeder Handle
Ratchet
Ratchet Plug Adaptor
6" Extension Adaptor
⅞" Hexagon Socket
1½" Hexagon Socket
1¾" Hexagon Socket
1½" Hexagon Socket
⅞" Hexagon Socket
1½" Hexagon Socket
1¾" Hexagon Socket
1½" Hexagon Socket
1½" Hexagon Socket
1½" Hexagon Socket
1½" Hexagon Socket

No. 3129—29 Piece Chrome Vanadium Steel Socket Set

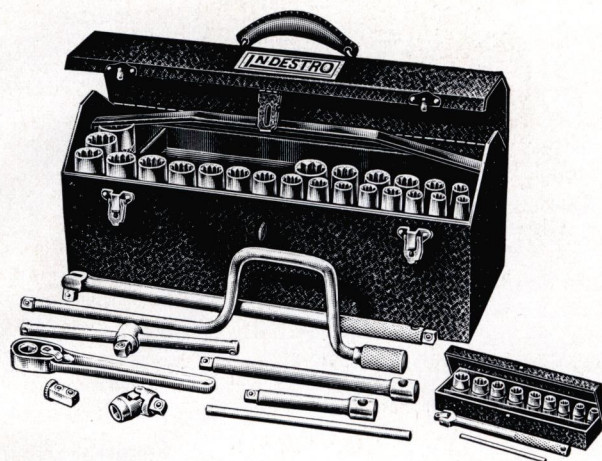
Price \$11.90
Weight 10¾ lbs.



Tools FOR SERVICE

Super Quality Chrome Vanadium Steel 43 Piece Socket Set

**"Tote Tray"
Tool
Chest**



**"Hot-
Broached"
Sockets**
 $\frac{1}{4}"$ to $1\frac{1}{4}"$

The "Tote" Tray Tool Chest furnished with this set makes it an outstanding value for the mechanic who wants to carry a few other tools in his kit. The "Tote" Tray Chest is $7\frac{1}{2}"$ wide, $19\frac{1}{4}"$ long and $8\frac{1}{2}"$ high. The "Tote" Tray fits snugly into the top of the chest with ample room below it. Cover is one piece, full piano hinged. Chest and tray made of heavy gauge steel, finished in baked black crystal enamel.

CONTENTS

Standard $\frac{1}{2}"$ Square Drive

18" Swing Head Handle	$\frac{9}{16}"$ Hexagon Socket 12 Pt.
Cross Bar	$\frac{3}{8}"$ Hexagon Socket 12 Pt.
Long Speeder	$\frac{5}{8}"$ Hexagon Socket 12 Pt.
6" Extension Adaptor	$\frac{3}{4}"$ Hexagon Socket 12 Pt.
10" Extension Adaptor	$\frac{11}{16}"$ Hexagon Socket 12 Pt.
Slide "T" Handle	$\frac{3}{4}"$ Hexagon Socket 12 Pt.
Reversible Ratchet	$\frac{3}{8}"$ Hexagon Socket 12 Pt.
Ratchet Adaptor	$\frac{11}{16}"$ Hexagon Socket 12 Pt.
Universal Joint	$\frac{7}{8}"$ Hexagon Socket 12 Pt.
$\frac{1}{8}"$ Hexagon Socket 12 Pt.	$\frac{11}{16}"$ Hexagon Socket 12 Pt.
$\frac{1}{4}"$ Hexagon Socket 12 Pt.	$\frac{3}{4}"$ Hexagon Socket 12 Pt.

1" Hexagon Socket 12 Pt.
$1\frac{1}{16}"$ Hexagon Socket 12 Pt.
$1\frac{1}{8}"$ Hexagon Socket 12 Pt.
$1\frac{1}{4}"$ Hexagon Socket 12 Pt.
$\frac{1}{2}"$ Square Socket 8 Pt.
$\frac{9}{16}"$ Square Socket 8 Pt.
$\frac{5}{8}"$ Square Socket 8 Pt.
$\frac{11}{16}"$ Square Socket 8 Pt.
$\frac{3}{4}"$ Square Socket 8 Pt.
$\frac{7}{8}"$ Square Socket 8 Pt.

$\frac{1}{4}"$ Square Drive

Swing Head Handle
Cross Bar
$\frac{1}{4}"$ Hexagon Socket
$\frac{3}{8}"$ Hexagon Socket
$\frac{5}{16}"$ Hexagon Socket
$\frac{3}{4}"$ Hexagon Socket
$\frac{3}{8}"$ Hexagon Socket
$\frac{1}{2}"$ Hexagon Socket
$\frac{1}{4}"$ Square Socket
$\frac{5}{16}"$ Square Socket
$\frac{3}{8}"$ Square Socket

No. 3143—43 Piece Chrome Vanadium Steel Socket Set in "Tote" Tray Tool Chest.....Price \$21.98
Weight 24 lbs.

No. 3132—The same set as above less the Midget Socket Set, 32 Pieces.....Price \$19.88
Weight 23 lbs.

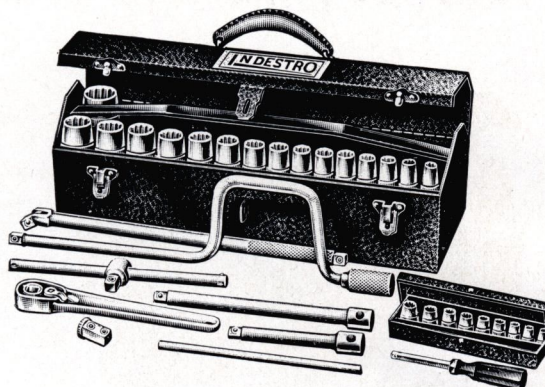
No. 9912—"Tote" Chest Tool Box only (Packed 4 to the case).....Price \$3.70
Weight $9\frac{1}{4}$ lbs.



Super Quality Chrome Vanadium Steel

34 Piece Socket Set

"Tote" Tray
Tool
Chest



"Hot-Broached"
Sockets
1/4" to 1 1/4"

A compact yet roomy "Tote" Tray Tool Chest, 5 7/8" wide, 18 1/2" long, 6" high, with one piece piano hinged cover, leather handle, two fasteners and hasp. Made from heavy gauge steel, baked black crystal enamel finish. "Tote" tray fits snugly in top of chest with ample room for additional tools in bottom.

CONTENTS

Standard 1/2" Square Drive

Long Speeder
15 1/2" Swing Head Handle
Cross Bar
Reversible Ratchet
Ratchet Adaptor
6" Extension Adaptor
10" Extension Adaptor
Slide "T" Handle

1/8" Hexagon Socket 12 Pt.
1/4" Hexagon Socket 12 Pt.
3/8" Hexagon Socket 12 Pt.
1/2" Hexagon Socket 12 Pt.
5/8" Hexagon Socket 12 Pt.
3/4" Hexagon Socket 12 Pt.
7/8" Hexagon Socket 12 Pt.
1" Hexagon Socket 12 Pt.
1 1/8" Hexagon Socket 12 Pt.
1 1/4" Hexagon Socket 12 Pt.

1/4" Square Drive

6" Spinner Handle
1/4" Hexagon Socket
3/8" Hexagon Socket
1/2" Hexagon Socket
5/8" Hexagon Socket
3/4" Hexagon Socket
7/8" Hexagon Socket
1" Hexagon Socket
1 1/8" Hexagon Socket
1 1/4" Hexagon Socket

No. 3134—34 Piece Chrome Vanadium Steel Socket Set in "Tote" Tray Chest.....Price \$17.68
Weight 18 1/2 lbs.
No. 3124—The same Set as above less the Midget Socket Set, 24 Pieces.....Price \$15.84
Weight 17 1/2 lbs.
No. 9910—"Tote" Chest Tool Box only.....Price \$3.30
Weight 6 1/2 lbs.

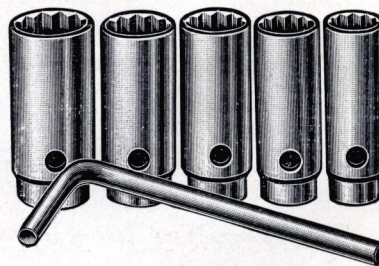
Socket No.	Socket Size	Spark Plugs		Max. Diam.	Price
		Hex.	Thread		
3027	5 3/64"	13/16"	14 mm	1 1/16"	\$0.72
3029	29/32"	7/8"	18 mm	1 1/8"	.78
3030	1 5/16"	1 5/16"	7/8"-18	1 1/4"	.84
3032	1"	1"	18 mm	1 5/16"	.90
3036	1 1/8"	1 1/8"	7/8"-18 and 18 mm	1 1/2"	1.05

No. 3005—Five Extra Deep Spark Plug Sockets listed above, with L-Handle, sizes 3/4", 7/8", 1", 1 1/8" and 1 1/4" will fit nearly all cars including those with valve-in-head motors. Packed in cartonPrice \$4.23
Weight 2 3/4 lbs.

No. 3004—Four Extra Deep Spark Plug Sockets, listed above, with L-Handle, sizes 3/4", 7/8", 1" and 1 1/8" in a cartonPrice \$3.45
Weight 2 1/4 lbs.

Chrome Vanadium Steel Spark Plug Sockets

Chrome Vanadium Steel Spark Plug Sockets. "Hot-Broached" from Chrome Vanadium Steel for all cars especially Buick, Nash, Willys Knight and similar cars where plugs are hard to reach.



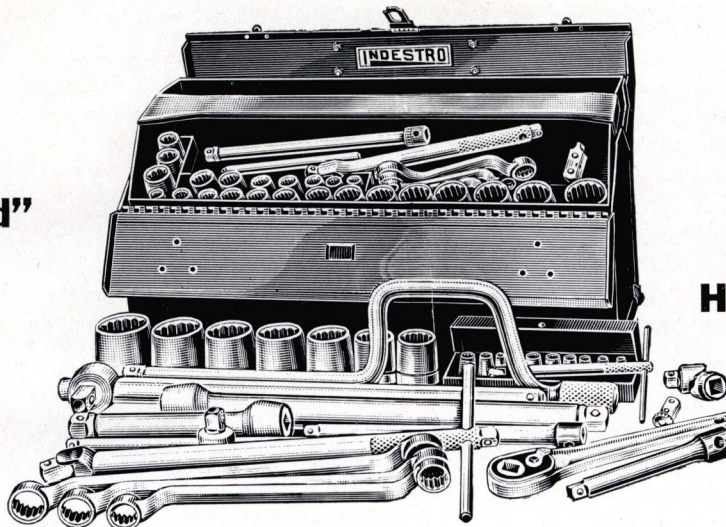


Tools FOR SERVICE

Chrome Vanadium Steel "Tote-Chest" Socket Set

64 Pieces

With
"Hot-Broached"
Sockets



Midget
"Cub"
Standard
Heavy Duty

Set illustrated is a well balanced assortment of popular tools required in every day use. Made up in 19" x 7" x 8½" heavy gauge Steel Chest with convenient "Tote" tray and has our popular "Hot-Broached" Sockets. A very complete set for the garage mechanic as well as general industrial use.

CONTENTS

Midget (¼" Square Drive)

6½" Swing Head Handle
4" Cross Bar
¼" Hexagon Socket
⅜" Hexagon Socket
½" Hexagon Socket
⅝" Hexagon Socket
¾" Hexagon Socket
⅞" Hexagon Socket
1" Square Socket
1½" Square Socket
2" Square Socket

"Cub" (⅜" Square Drive)

10" Swing Head Handle
5½" Cross Bar
9" Extension Adaptor
¾" Hexagon Socket

⅞" Hexagon Socket
1½" Hexagon Socket
1¾" Hexagon Socket
2" Hexagon Socket
2½" Hexagon Socket
3" Hexagon Socket

Box Wrenches

⅜" x ⅞" Short 45°
½" x 1" Short 45°
⅝" x 1½" Short 45°
¾" x 2" Long 45°
⅞" x 2½" Long 45°
1" x 3" Long 45°

Standard (½" Sq. Drive)

18" Swing Head Handle
9" Cross Bar
19" Speeder Handle

Reversible Ratchet
Ratchet Plug Adaptor
Screw Driver Adaptor
Universal Joint
6" Extension Adaptor
10" Extension Adaptor
Slide "T" Handle

⅞" Hexagon Socket
1½" Hexagon Socket
1¾" Hexagon Socket
2" Hexagon Socket
2½" Hexagon Socket
3" Hexagon Socket
3½" Hexagon Socket
4" Hexagon Socket
4½" Hexagon Socket
5" Hexagon Socket
5½" Hexagon Socket
6" Hexagon Socket

1½" Hexagon Socket
1¾" Hexagon Socket
2" Hexagon Socket
2½" Square Socket
3" Square Socket
3½" Square Socket

Heavy Duty (¾" Sq. Drive)

18" Male Slide Head Handle
8" Extension Adaptor
16" Extension Adaptor
1½" Hexagon Socket
1¾" Hexagon Socket
2" Hexagon Socket
2½" Hexagon Socket
3" Hexagon Socket
3½" Hexagon Socket
4" Hexagon Socket
4½" Hexagon Socket

No. 2300—64-Piece "Tote-Chest" Socket Set.....

Price \$39.70

Weight, 45 lbs.



Heavy Duty Socket Set and Fittings

$\frac{3}{4}$ " Square Drive

Heavy Duty Extensions



16"

This Combination Extension Adaptor can be used with the other sockets and fittings illustrated on this page. Triple plated finish.

No. 2365—16" Extension Adaptor.....Price \$1.65
Weight 2 lbs.

8"

Same type Combination Extension Adaptor as described above, only 8" long.

No. 2364—8" Extension Adaptor.....Price \$1.35
Weight 1 lb., 3 oz.

Heavy Duty Slide "T" Handle

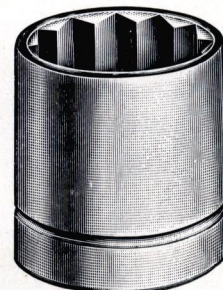


This Handle is 18" long and offers a multitude of combinations with fittings and sockets so as to reach the most inaccessible places.

No. 2363—Slide "T" Handle.....Price \$1.98
Weight $3\frac{1}{4}$ lbs.

"Hot-Broached" Sockets

This patented method of making the openings in the driving (socket) end of Sockets has proven consistently the superiority in strength of this type construction.

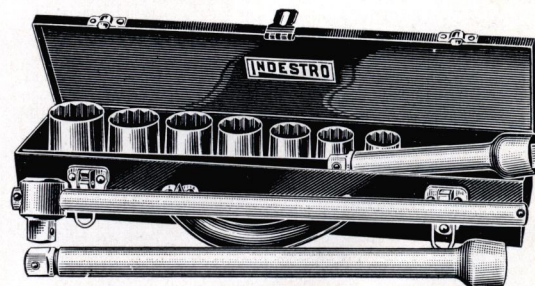


No.	Size	Weight Each	Price
2234	$1\frac{1}{16}$ "	8 oz.	\$0.72
2236	$1\frac{1}{8}$ "	9 oz.	.78
2240	$1\frac{1}{4}$ "	11 oz.	.87
2244	$1\frac{3}{8}$ "	14 oz.	1.02
2246	$1\frac{7}{16}$ "	15 oz.	1.14
2248	$1\frac{1}{2}$ "	1 lb.	1.23
2252	$1\frac{5}{8}$ "	1 lb. 3 oz.	1.32
2254	$1\frac{11}{16}$ "	1 lb. 7 ozs.	1.68
2256	$1\frac{3}{4}$ "	1 lb. 11 ozs.	1.80
2258	$1\frac{13}{16}$ "	1 lb. 14 ozs.	2.04
2260	$1\frac{7}{8}$ "	2 $\frac{1}{4}$ lbs.	2.04
2264	2"	2 $\frac{3}{4}$ lbs.	2.46

10 Piece Heavy Duty Socket Set

$\frac{3}{4}$ " Square Drive

A compact heavy duty set for use on axle nuts, general truck work, tractors and industrial purposes. Ten piece set in 18" x $4\frac{1}{2}$ " x $2\frac{3}{4}$ " heavy gauge box fitted with heavy hardware, hasp and comfortable grip handle. Each tool is constructed to afford the maximum of service under extreme use. The Sockets are cleanly and accurately broached by our "Hot-Broaching" process which not only provides a smooth clean cut appearance for the interior of the Socket but also creates a feature of added strength. The $\frac{3}{4}$ " square drive is also provided with a convenient keyless lock-on feature.



CONTENTS

18" Male Slide Head Handle
16" Extension Adaptor

8" Extension Adaptor
 $1\frac{1}{8}$ " 12 Point Hex. Socket
 $1\frac{1}{4}$ " 12 Point Hex. Socket

$1\frac{1}{4}$ " 12 Point Hex. Socket
 $1\frac{3}{8}$ " 12 Point Hex. Socket
 $1\frac{1}{2}$ " 12 Point Hex. Socket

$1\frac{1}{2}$ " 12 Point Hex. Socket
 $1\frac{5}{8}$ " 12 Point Hex. Socket

No. 2210—10 Piece Heavy Duty Socket Set.....Price \$14.36
Weight 21 lbs.



Tools FOR SERVICE

Carbon Manganese Steel Sockets, Fittings and Sets

The Sockets, Parts and Fittings shown on this page and the following pages provide a combination of satisfactory tools together with economical prices. The special analysis Carbon Manganese Steel used in these parts and sets was selected after carefully testing the material for tensile strength as well as machining qualities. The Sockets are accurately broached and the heat treating, tempering and hardening is done under our own supervision, in our own factory, whereby the heats are accurately and scientifically controlled so as to give maximum strength as well as hardness. All parts and sockets are heavily plated making them practically rust proof as well as giving them a very handsome finish.

1/2" Square Drive



**"12 Point"
Master Sockets**

Master sockets are made from special carbon steel, carefully as well as accurately machined, heat treated, tempered and hardened. They have standard 1/2" square openings and are interchangeable with all standard sockets and fittings. Numbers marked (*) in the "12 Point" group of sockets are 6 Point and those marked (*) in the "8 Point" group are 4 Point, since it is not practical to broach certain small sizes of sockets otherwise.

No.	Size	Price	No.	Size	Price
6610*	5/16"	\$0.10	6624	3/4"	\$0.14
6611*	3/8"	.10	6625	7/8"	.14
6612*	1/2"	.10	6626	1 1/8"	.14
6614	5/8"	.10	6628	1 1/4"	.16
6616	3/4"	.10	6630	1 3/8"	.16
6617	7/8"	.10	6631	1 1/2"	.16
6618	1"	.10	6632	1 5/8"	.20
6619	1 1/8"	.10	6634	1 3/4"	.20
6620	1 1/4"	.10	6636	1 7/8"	.20
6621	1 1/2"	.10	6638	2"	.20
6622	1 3/4"	.14	6640	2 1/4"	.20
6623	2"	.14			

MASTER SOCKETS WITH SQUARE OPENINGS

Same quality and style as above except made for square nuts and bolts.

No.	Size	Price	No.	Size	Price
6610-S*	5/16"	\$0.10	6618-S	1"	\$0.14
6611-S*	3/8"	.10	6620-S	1 1/8"	.14
6612-S*	1/2"	.10	6622-S	1 1/4"	.16
6614-S	5/8"	.10	6624-S	1 3/8"	.16
6616-S	3/4"	.10	6628-S	1 7/8"	.16

Drain Plug Sockets

These sockets are extremely practical for removing drain plugs on the crank case, transmission and differential housing of many cars. All sockets are interchangeable with 1/2" square handles and fittings.



No.	Size	Price
6651	5/16"	\$0.12
6652	3/8"	.12
6653	1/2"	.12
6654	5/8"	.12
6655	3/4"	.12
6656	7/8"	.12
6657	1"	.12



Alemite Fitting Socket

The handiest socket for removing Alemite fittings. Made of steel, hardened and cadmium plated. 1/2 in. Square Opening.

No. 645.....Price \$0.21
Weight 1 oz.

3 Piece Universal

Accurately machined from solid bar special analysis steel, enabling use of tool at various angles. Standard 1/2" square opening, heavily rust proof plated.



No. 640.....Price \$0.39
Weight 6 oz.

2 Piece Universal

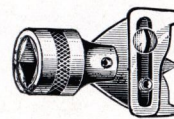


Extra heavy and very necessary on hard places to reach.

No. 639—Universal Joint.....Price \$0.33
Weight 5 oz.

Valve Grinder Attachment

For use on all makes of cars. Made of steel, hardened, tempered and plated, for use with square head speeder wrench or L handles.



No. 642.....Price \$0.21
Weight 2 oz.

Chart of Wrench and Socket Openings For Bolts and Nuts They Will Fit

Opening	S.A.E. Std. Screws X Nuts	U. S. Std.		American Std.	
		Nuts	Cap Screws	Nuts	Screws
5/16"				Nos. 0 & 1	
3/8"				Nos. 2 & 3	
1/2"				No. 4	
5/8"				Nos. 5 & 6	
3/4"				No. 8	
7/8"				No. 10	
1"				No. 12 & 1/4"	1/4"
1 1/8"					5/16"
1 1/4"					3/8"
1 1/2"					7/8"
1 3/4"					1 1/2"
2"					1 3/8"
2 1/4"					1 1/2"
2 1/2"					1 3/4"
2 3/4"					1 7/8"
3"					2"
3 1/4"					2 1/4"
3 1/2"					2 1/2"
3 3/4"					2 3/4"
4"					3"
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4 1/2"					3 1/2"
4 3/4"					3 3/4"
5"					4"
5 1/4"					4 1/4"
5 1/2"					4 1/2"
5 3/4"					4 3/4"
6"					5"
6 1/4"					5 1/4"
6 1/2"					5 1/2"
6 3/4"					5 3/4"
7"					6"
7 1/4"					6 1/4"
7 1/2"					6 1/2"
7 3/4"					6 3/4"
8"					7"
8 1/4"					7 1/4"
8 1/2"					7 1/2"
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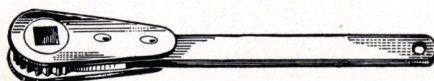


Carbon Manganese Steel Sockets, Fittings and Sets

1/2" Square Drive

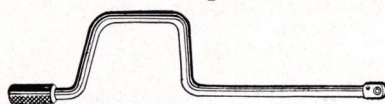
Ratchet Handle

Ratchet handle. A very necessary tool.



No. 655—Ratchet Handle Price \$0.48
Weight 14 oz.

Speeder Handles



Long Speeder fitted with knurled revolving handle, 19" long. Fitted with friction ball.

No. 644—Long Speeder Price \$0.48
Weight 1 1/2 lbs.

Short Speeder handle with 1/2" square end and friction ball. 12" long.

No. 643—Short Speeder Price \$0.45
Weight 1 1/4 lbs.

Swing Head Handle



11 1/2" Long Swing Head Handle with hole in end for Cross Bar. Heavily cadmium plated.

No. 647—Swing Head Handle Price \$0.90
Weight 1 1/4 lbs.

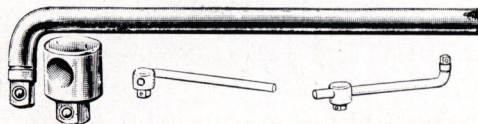
Cross Bar



9" Cross Bar to use with above Swing Head Handle.

No. 650—Cross Bar Price \$0.18
Weight 1/4 lb.

"L-Slide-T" Handle

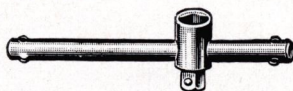


A new 2-piece combination that gives both the advantage of the Swing Head Handle as well as the Slide "T". 10" long, heavily cadmium plated.

No. 649—"L-Slide-T" Handle Price \$0.65
Weight 1 1/2 lbs.

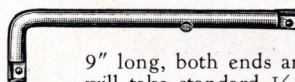
Slide T Handle

Slide T with both male and female 1/2" square drive. 9" long. A tool with many uses.



No. 659—Slide T Handle Price \$0.48
Weight 1 lb.

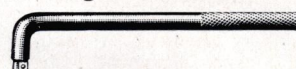
"L" Offset Handle



9" long, both ends are fitted with friction balls and will take standard 1/2" interchangeable square sockets. Made of 1 1/8" solid steel bar, heavily plated.

No. 641—"L" Offset Handle Price \$0.24
Weight 1 lb.

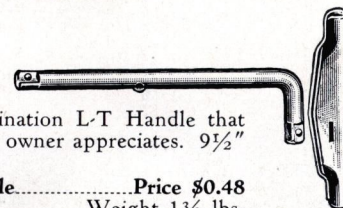
Single "L" Handle



10" long with knurled end to prevent hand from slipping. Heavily cadmium plated.

No. 648—Single End "L" Handle Price \$0.45
Weight 1 lb.

"L-T" Handle



A very desirable combination L-T Handle that every mechanic and car owner appreciates. 9 1/2" long.

No. 646—"L-T" Handle Price \$0.48
Weight 1 3/8 lbs.

Long Extensions



Made of 1/2" solid steel bar, both ends fitted with friction balls for use with standard 1/2" interchangeable sockets. Heavily plated.

No. 681—4 1/2" Extension Price \$0.18
Weight 1/2 lb.

No. 682—7 3/4" Extension Price \$0.23
Weight 3/4 lb.

No. 683—9 1/2" Extension Price \$0.24
Weight 3/4 lb.

Short Extension



Short Extension for use with Ratchet Handle, 1 1/2" long, friction ball in each end, 1/2" square.

No. 656—Short Extension Price \$0.12
Weight 1 oz.

Screw Driver Adaptor



Screw Driver Adaptor with two friction balls.

No. 658—Screw Driver Adaptor Price \$0.30
Weight 1 oz.



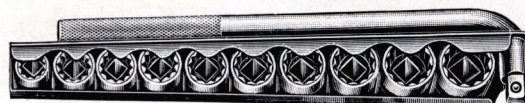
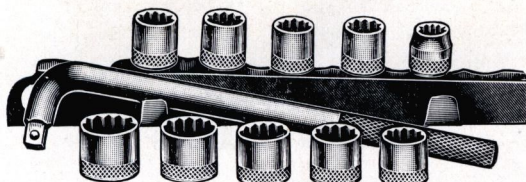
Tools FOR SERVICE

Master Handy Socket Wrench Sets 1/2" Square Drive

Something new and useful in Master 1/2" Square Drive Socket Sets. A handy display type carrying case (patented) with combinations of the most useful sockets with the choice of three different types of handles. Cases are baked enamel in attractive colors making a pleasing combination with the cadmium plated handles and sockets. Illustration shows the assembled view as well as the individual parts.

11 Piece "L" Handle Socket Set

This Set contains ten Master Sockets and a 10" "L" Handle. A real service set where economy is a factor.



CONTENTS

1/2" Hexagon 12 Point Socket
5/8" Hexagon 12 Point Socket
3/4" Hexagon 12 Point Socket

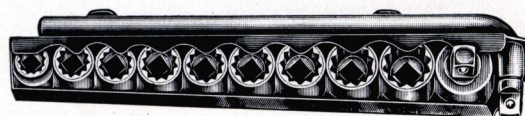
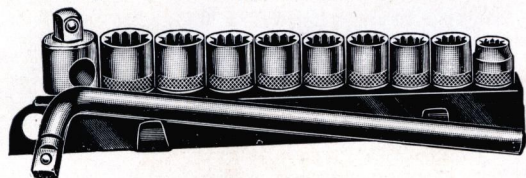
5/8" Hexagon 12 Point Socket
3/4" Hexagon 12 Point Socket
1 1/8" Hexagon 12 Point Socket
3/4" Hexagon 12 Point Socket

1 1/8" Hexagon 12 Point Socket
7/8" Hexagon 12 Point Socket
1 1/8" Hexagon 12 Point Socket

No. 6601—11-Piece "L" Handle Handy Socket Set.....**Price \$1.65**
Weight 3 1/2 lbs.

11 Piece "L-Slide-T" Handy Socket Set

The outstanding feature of this set is a new two piece "L-Slide-T" Combination Handle that has many advantages of both types of handles.



CONTENTS

Combination "L-Slide-T" Handle

1/2" Hexagon 12 Point Socket
5/8" Hexagon 12 Point Socket
3/4" Hexagon 12 Point Socket

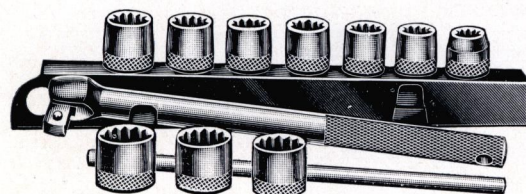
5/8" Hexagon 12 Point Socket
3/4" Hexagon 12 Point Socket
1 1/8" Hexagon 12 Point Socket

3/4" Hexagon 12 Point Socket
1 1/8" Hexagon 12 Point Socket
7/8" Hexagon 12 Point Socket

No. 6600—11-Piece "L-Slide-T" Handy Socket Set.....**Price \$1.80**
Weight 3 1/2 lbs.

12 Piece Swing Head Handle Socket Set

The Swing Head Handle is considered by many to be the most practical all around Handle and for that reason is quite popular. This Handle with Cross Bar has a multitude of applications.



CONTENTS

1 1/2" Swing Head Handle
9" Cross Bar
1/2" Hexagon 12 Point Socket
5/8" Hexagon 12 Point Socket

1 1/8" Hexagon 12 Point Socket
5/8" Hexagon 12 Point Socket
3/4" Hexagon 12 Point Socket
1 1/8" Hexagon 12 Point Socket

3/4" Hexagon 12 Point Socket
1 1/8" Hexagon 12 Point Socket
7/8" Hexagon 12 Point Socket
1 1/8" Hexagon 12 Point Socket

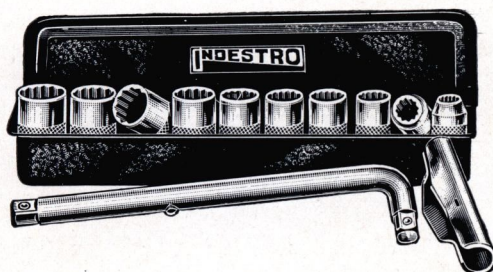
No. 6602—12-Piece Swing Head Handle Socket Set.....**Price \$2.50**
Weight 3 1/2 lbs.



Master Socket Sets

1/2" Square Drive

11 Piece Set



This set in heavy gauge slip cover metal box of baked green crystal finish, consists of ten of the most popular Sockets and a Combination L-T Handle.

CONTENTS

L-T Handle

7/16" 12 Point Socket	1 1/8" 12 Point Socket
1/2" 12 Point Socket	3/4" 12 Point Socket
5/8" 12 Point Socket	7/8" 12 Point Socket
9/16" 12 Point Socket	1 1/4" 12 Point Socket
5/16" 12 Point Socket	1 1/2" 12 Point Socket

No. 1511—11 Piece Master Socket Set.....Price \$1.70
Weight 4 lbs.

13 Piece Set



Ten popular Sockets with Slide T Handle and two Extensions are offered in this set in a slip cover heavy gauge steel box. Baked green crystal finish.

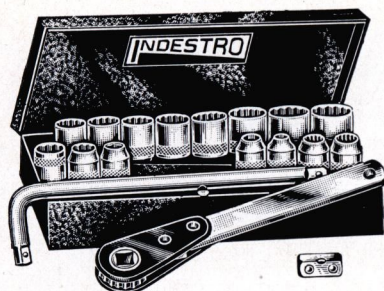
CONTENTS

Slide T Handle	3 1/2" 12 Point Socket
Long Extension	1 1/8" 12 Point Socket
7/16" 12 Point Socket	3/4" 12 Point Socket
1/2" 12 Point Socket	5/8" 12 Point Socket
9/16" 12 Point Socket	1 1/4" 12 Point Socket
5/8" 12 Point Socket	1 1/2" 12 Point Socket

Short Extension

No. 1513—13 Piece Master Socket Set.....Price \$2.10
Weight 5 lbs.

18 Piece Set



This set is contained in a hinged cover box, baked green crystal finish and offers a very desirable combination of both Sockets and Fittings.

CONTENTS

Ratchet	3 1/2" 12 Point Socket
L Handle	1 1/8" 12 Point Socket
Short Adaptor	3/4" 12 Point Socket
5/16" Hex. Socket	1 1/4" 12 Point Socket
3/8" Hex. Socket	7/8" 12 Point Socket
1/8" 12 Point Socket	1 1/2" 12 Point Socket
1/2" 12 Point Socket	3/8" Square Socket
9/16" 12 Point Socket	1/8" Square Socket
5/8" 12 Point Socket	1/2" Square Socket

No. 1518—18 Piece Master Socket Set.....Price \$2.78
Weight 5 3/4 lbs.

22 Piece Set



While this set is especially designed for all Ford cars, yet it will take care of practically all requirements on many other cars. Box is of hinged cover type, hand-somely finished in green crystal baked enamel.

CONTENTS

Ratchet	1/2" 12 Point Socket
L-T Handle	1 1/8" 12 Point Socket
Short Adaptor	3/4" 12 Point Socket
Screw Driver Adaptor	5/8" 12 Point Socket
Plier	3 1/2" 12 Point Socket
3/8" Square Socket	1 1/4" 12 Point Socket
1/8" Square Socket	3/4" 12 Point Socket
1/2" Square Socket	1 1/2" 12 Point Socket
1 1/4" Hexagon Socket	7/8" 12 Point Socket
3/8" Hexagon Socket	1 1/8" 12 Point Socket
1/8" 12 Point Socket	1 1/4" 12 Point Socket

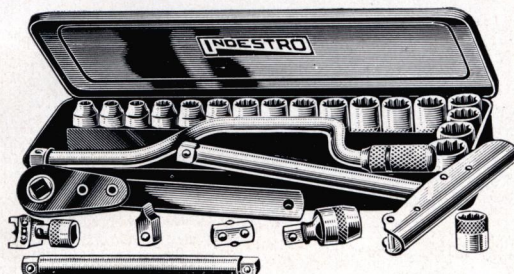
No. 1522—22 Piece Master Socket Set.....Price \$3.46
Weight 7 lbs.



Tools FOR SERVICE

"Junior" Master 26 Piece Socket Wrench Set

$\frac{1}{2}$ " Square Drive



A well balanced set of essential mechanics' tools made of special analysis steel, properly hardened and tempered. All tools heavily cadmium plated, rust proof, and put up in attractive green crystal baked enamel steel box. Contents:

12" Speeder
Ratchet Handle
Comb. L-T Handle
Long Extension
Short Extension
Screw Driver Bit
Universal Joint
Valve Grinder Socket
 $\frac{1}{2}$ " 8 Point Square Socket

$\frac{5}{16}$ " Hexagon Socket
 $\frac{3}{4}$ " Hexagon Socket
 $\frac{3}{8}$ " Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{1}{2}$ " 12 Point Hexagon Socket
 $\frac{1}{2}$ " 12 Point Hexagon Socket
 $\frac{3}{4}$ " 12 Point Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{3}{8}$ " 12 Point Hexagon Socket
 $\frac{1}{2}$ " 12 Point Hexagon Socket

$\frac{3}{2}$ " 12 Point Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{3}{8}$ " 12 Point Hexagon Socket
 $\frac{3}{4}$ " 12 Point Hexagon Socket
 $\frac{3}{8}$ " 12 Point Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{7}{8}$ " 12 Point Hexagon Socket
1" 12 Point Hexagon Socket

No. 1526—26 Piece Socket Wrench Set.....

Price \$4.76
Weight 10 $\frac{3}{4}$ lbs.

30 Piece "12 Point" Master Socket Set

$\frac{1}{2}$ " Square Drive



A very popular set to fill a demand for a slightly more complete set than that listed above and includes six popular sized square sockets. All parts made from specially selected steel, carefully hardened and cadmium plated. Consists of thirty pieces as follows, packed in green crystal baked enamel steel box.

19" Speeder
Ratchet Handle
Combination L-T Handle
Short Extension
7 $\frac{1}{2}$ " Extension
 $\frac{1}{8}$ " 4 Point Square Socket
 $\frac{3}{8}$ " 4 Point Square Socket
 $\frac{1}{8}$ " 8 Point Square Socket
 $\frac{1}{2}$ " 8 Point Square Socket
 $\frac{1}{8}$ " 8 Point Square Socket

$\frac{5}{8}$ " 8 Point Square Socket
 $\frac{1}{8}$ " Hexagon Socket
 $\frac{3}{4}$ " Hexagon Socket
 $\frac{3}{8}$ " Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{1}{2}$ " 12 Point Hexagon Socket
 $\frac{3}{4}$ " 12 Point Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{5}{8}$ " 12 Point Hexagon Socket
 $\frac{3}{2}$ " 12 Point Hexagon Socket

$\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{3}{8}$ " 12 Point Hexagon Socket
 $\frac{3}{4}$ " 12 Point Hexagon Socket
 $\frac{3}{8}$ " 12 Point Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
 $\frac{7}{8}$ " 12 Point Hexagon Socket
 $\frac{1}{8}$ " 12 Point Hexagon Socket
1" 12 Point Hexagon Socket
1 $\frac{1}{8}$ " 12 Point Hexagon Socket

No. 1530—30 Piece "12 Point" Master Socket Set.....

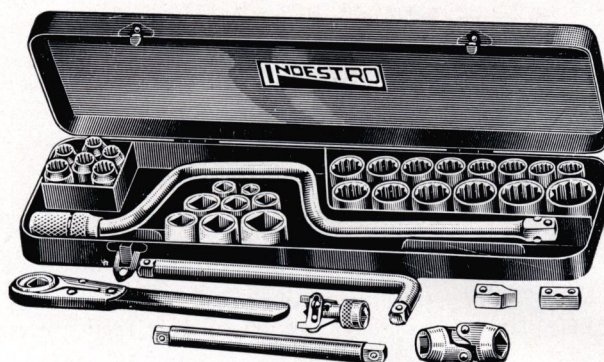
Price \$5.20
Weight 12 $\frac{3}{4}$ lbs.

No. 1530F—Same as above except in fiber carton.....

Price \$4.20
Weight 9 lbs.



36 Piece "12 Point" Master Socket Set



1/2" Square Drive

A 36 Piece "12 Point" Set that fills the requirements of every mechanic. All hexagon sockets size 7/8" and larger are 12 Point. Special Carbon Steel is used in the construction of this set and our own special heat treating and hardening process gives the sockets maximum strength as well as utility. All parts are standard 1/2" square drive and heavily cadmium plated. The heavy gauge steel case is handsomely finished in green crystal baked enamel. The complete set contains the following parts:

Speeder Wrench	1/2" 12 Point Hexagon Socket	1" 12 Point Hexagon Socket
L Handle	3/2" 12 Point Hexagon Socket	1 1/8" 12 Point Hexagon Socket
Heavy Ratchet Wrench	1 1/8" 12 Point Hexagon Socket	1 1/8" 12 Point Hexagon Socket
Long Adaptor	1 1/4" 12 Point Hexagon Socket	1 1/4" 12 Point Hexagon Socket
Short Adaptor	5/8" 12 Point Hexagon Socket	3/8" 8 Point Square Socket
Valve Grinder	3/4" 12 Point Hexagon Socket	1/8" 8 Point Square Socket
Screw Driver Bit	1 1/8" 12 Point Hexagon Socket	1/2" 8 Point Square Socket
Universal Joint	3/4" 12 Point Hexagon Socket	3/8" 8 Point Square Socket
1 1/8" 6 Point Hexagon Socket	1 1/8" 12 Point Hexagon Socket	5/8" 8 Point Square Socket
1 1/4" 6 Point Hexagon Socket	7/8" 12 Point Hexagon Socket	1 1/8" 8 Point Square Socket
3/8" 6 Point Hexagon Socket	1 1/8" 12 Point Hexagon Socket	3/4" 8 Point Square Socket
7/8" 12 Point Hexagon Socket	3/2" 12 Point Hexagon Socket	7/8" 8 Point Square Socket

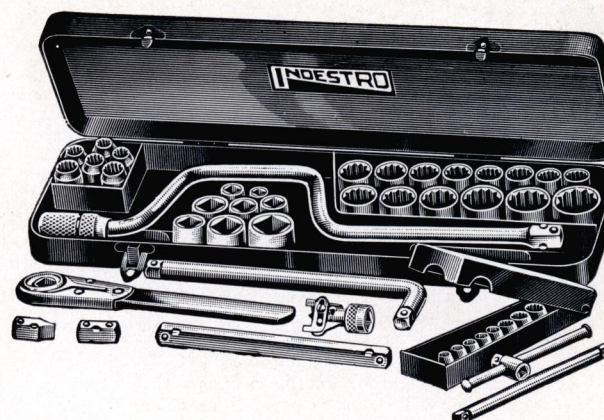
No. 1536—36 Piece "12 Point" Master Socket Set.....**Price \$6.40**

Weight 14 1/2 lbs.

No. 1536F—Same as above except in fiber carton.....**Price \$5.50**

Weight 10 1/2 lbs.

45 Piece "12 Point" Master Socket Set



1/2" Square Drive

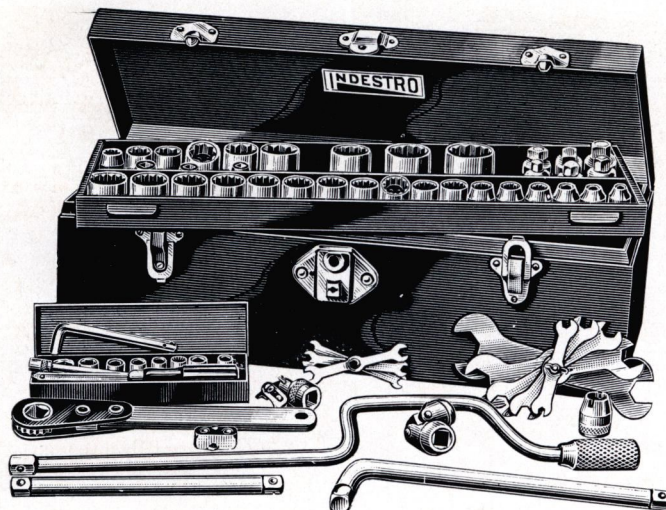
The same Set as described and illustrated above, however, without Universal Joint, but with a ten piece Ignition Socket Wrench Set that can be used not only for ignition work but also on carburetors, generators, magnetos, radios, and for many other uses that the larger tools will not handle. This little set consists of Slide "T" Handle, 6" Extension, 5 hexagon sockets, 3/2", 1/4", 3/8", 1/8", 1/2", and 3 "12 Point" hexagon sockets, 3/8", 1/8", and 1/2". All 45 tools are heavily cadmium plated, rust proof. Packed in attractive green crystal baked enamel steel box.

No. 1545—45 Piece "12 Point" Master Socket Set.....**Price \$7.08**

Weight 15 3/4 lbs.



Lift Out Tray



Thumb Lock and Key

CONTENTS

$\frac{5}{16}$ " Drain Plug Socket
 $\frac{3}{8}$ " Drain Plug Socket
 $\frac{7}{8}$ " Drain Plug Socket
 $\frac{1}{2}$ " Drain Plug Socket
 $\frac{9}{16}$ " Drain Plug Socket
 $\frac{5}{8}$ " Drain Plug Socket

32

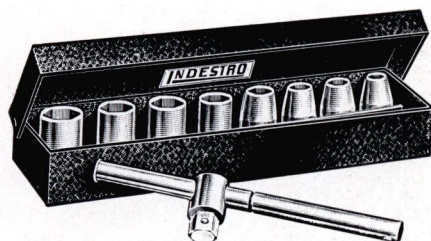
U.S.A.



"Pee-Wee" Socket Sets and Fittings

$\frac{3}{8}$ " Hexagon Drive

9 Piece Set



A combination of 8 Sockets and Slide T Handle in convenient, substantial, heavy, enameled metal box.

CONTENTS

$\frac{1}{4}$ " Hexagon Socket	$\frac{3}{8}$ " Hexagon Socket
$\frac{3}{8}$ " Hexagon Socket	$\frac{1}{2}$ " Hexagon Socket
$\frac{1}{2}$ " Hexagon Socket	$\frac{3}{4}$ " Hexagon Socket
$\frac{3}{4}$ " Hexagon Socket	$\frac{1}{2}$ " Hexagon Socket
Slide T Handle	

No. 2100—9 Piece "Pee-Wee" Wrench Set.....Price \$1.08
Weight $1\frac{1}{4}$ lbs.

Refrigerator Ratchet Wrenches

These Ratchets are identical in every respect with the one illustrated in our "Pee-Wee" Socket Set except they have $\frac{1}{4}$ " or $\frac{1}{8}$ " square opening in ratchet head to fit valve stem for adjusting expansion valves on refrigerators.



No. 674- $\frac{1}{4}$ "—Refrigerator Ratchet Wrench with $\frac{1}{4}$ " square opening.....Price \$0.42

No. 674- $\frac{1}{8}$ "—Refrigerator Ratchet Wrench with $\frac{1}{8}$ " square opening.....Price \$0.42
Weight $\frac{1}{4}$ lb.

Reversible Refrigeration Ratchet Wrench

This new style Ratchet has positive, though easy ratchet action with reversible trigger arrangement for fast work. Dependable, heavy construction of gear, pawl and frame, $\frac{1}{4}$ " square opening in ratchet head for use direct on valve stems or with Packing Gland and Valve Stem Sockets.

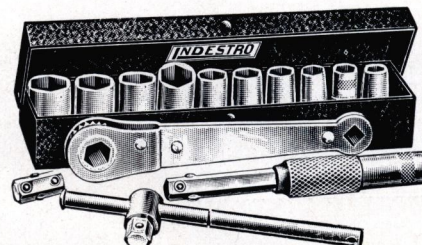


No. 673- $\frac{1}{4}$ S—Reversible Ratchet Wrench with $\frac{1}{4}$ " square opening.....Price \$0.36
Weight 3 oz.

"Pee-Wee" Hex. Sockets

No.	Size	Price	No.	Size	Price
2107	$\frac{7}{16}$ "	\$0.06	2114	$\frac{7}{16}$ "	\$0.09
2108	$\frac{1}{2}$ "	.06	2115	$\frac{1}{2}$ "	.09
2109	$\frac{9}{16}$ "	.08	2116	$\frac{1}{2}$ "	.09
2110	$\frac{5}{8}$ "	.08	2118	$\frac{9}{16}$ "	.09
2111	$\frac{11}{16}$ "	.08	2120	$\frac{5}{8}$ "	.09
2112	$\frac{3}{4}$ "	.08			

14 Piece Set



A fine household, ignition or radio set that combines Ratchet, Slide T and Spinner Extension with eleven other pieces in a compact metal case.

CONTENTS

Ratchet	$\frac{5}{16}$ " Hexagon Socket
Slide T	$\frac{1}{2}$ " Hexagon Socket
Spinner Extension	$\frac{3}{8}$ " Hexagon Socket
Short Extension	$\frac{7}{16}$ " Hexagon Socket
$\frac{3}{8}$ " Hexagon Socket	$\frac{1}{2}$ " Hexagon Socket
$\frac{1}{4}$ " Hexagon Socket	$\frac{1}{2}$ " Hexagon Socket
$\frac{3}{16}$ " Hexagon Socket	$\frac{9}{16}$ " Hexagon Socket

No. 2102—14 Piece "Pee-Wee" Set.....Price \$1.56
Weight $1\frac{1}{2}$ lbs.

12 Piece "Pee-Wee" Socket Set

This set is identical with one described above except it has no ratchet and adaptor.

No. 2101—12 Piece "Pee-Wee" Wrench Set.....Price \$1.20
Weight $1\frac{1}{4}$ lbs.

"Pee-Wee" Ratchet Wrenches

A substantially built Ratchet Wrench with case hardened gear and pawl. Has $\frac{3}{8}$ " hexagon opening in ratchet head and $\frac{1}{4}$ " square opening in handle end. Length $5\frac{1}{2}$ ".

No. 674- $\frac{3}{8}$ H—"Pee-Wee" Ratchet Wrench.....Price \$0.42
Weight $\frac{1}{4}$ lb.

No. 2178H—Reversible "Pee-Wee" Ratchet Wrench.....Price \$0.50
Weight $\frac{1}{4}$ lb.

Slide T Handle

This 5" attachment may be used as an L Handle or T Handle and is for use with "Pee-Wee" sockets or spinner extension illustrated in above set.

No. 2171—Slide T Handle.....Price \$0.36
Weight 2 oz.

Short Hex. Extension

For use with "Pee-Wee" Ratchet and Sockets. $\frac{3}{8}$ " Hex. $\frac{3}{4}$ " long. Carefully hardened.

No. 2172—Short Hex. Extension.....Price \$0.10

Spinner Extension

A $\frac{4}{34}$ " extension with revolving grip, which, when used with slide T Handle and Sockets below, make up a very practical unit for fast assembly work.

No. 2170—Spinner Extension.....Price \$0.28
Weight $\frac{1}{4}$ lb.

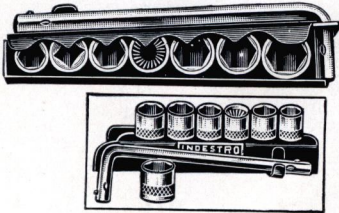


Tools FOR SERVICE

Vest Pocket Socket Set

8 Pieces

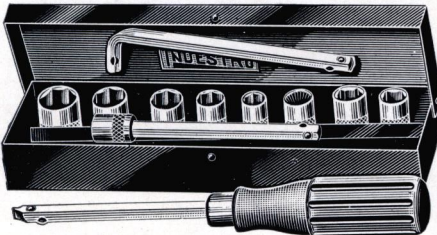
$\frac{1}{4}$ " Hexagon Drive



$\frac{1}{8}$ " Hex., $\frac{3}{8}$ " Round Knurled, $\frac{1}{4}$ " Square and 4" L Handle with two friction balls, in green or red enameled box.

No. 350—8 Piece Socket Set.....Price \$0.36
Weight $\frac{1}{2}$ lb.

11 Piece Radio Socket Set



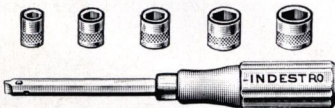
Set consists of eleven pieces, $\frac{1}{4}$ " hexagon drive, put up in convenient green crystal enamel steel case, as follows: 6 $\frac{1}{2}$ " Wood Grip

Screw Driver Handle, 4" L Handle, 3 $\frac{3}{4}$ " Extension Adaptor, $\frac{1}{4}$ ", $\frac{1}{8}$ ", $\frac{3}{8}$ ", $\frac{1}{8}$ ", $\frac{1}{2}$ " Hex. Sockets, $\frac{3}{8}$ " Round Knurled Socket, and $\frac{1}{4}$ " and $\frac{1}{8}$ " Square Sockets.

No. 11M—Ignition and Radio Socket Set.....Price \$0.80
Weight, 1 lb.

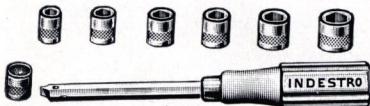
6 Piece Radio Socket Set

Set has 6" Spinner Type Handle with screw driver end and five $\frac{1}{4}$ " hexagon drive Sockets, sizes $\frac{1}{4}$ ", $\frac{1}{8}$ ", $\frac{3}{8}$ ", $\frac{1}{8}$ " and $\frac{1}{2}$ ". Packed in carton.



No. 6F—6 Piece Socket Set.....Price \$0.40
Weight 5 oz.

8 Piece Radio Socket Set



Set contains six hexagon Sockets, $\frac{1}{4}$ ", $\frac{1}{8}$ ", $\frac{3}{8}$ ", $\frac{1}{8}$ " and $\frac{1}{2}$ " together with $\frac{3}{8}$ " round knurled Socket for thumb nuts and a 6 $\frac{1}{2}$ " Spinner Type Handle with screw driver end. All $\frac{1}{4}$ " hexagon drive; packed in carton.

No. 8F—8-Piece Socket Set.....Price \$0.48
Weight 6 oz.

"Pee-Wee" Handy Socket Sets

$\frac{3}{8}$ " Hexagon Drive

These Sets contain a range of Sockets to take care not only of work on automobiles but also, with the smaller size Sockets, of ignition, radio, electrical and bicycle work, etc. Note the compact way the single tools are fitted in our new patented baked enamel, steel container. Parts heavily cadmium plated.

7 Piece Set



Seven Piece Set, contains 4" L Handle and six hexagon Sockets, sizes $\frac{3}{2}$ ", $\frac{3}{8}$ ", $\frac{1}{8}$ ", $\frac{3}{2}$ ", $\frac{1}{2}$ " and $\frac{1}{8}$ ".

No. 2103—7 Piece "Pee Wee" Set.....Price \$0.50
Weight 10 oz.

10 Piece Set



Ten Piece Set contains 6" L Handle and nine hexagon Sockets, sizes $\frac{3}{2}$ ", $\frac{1}{8}$ ", $\frac{3}{2}$ ", $\frac{3}{8}$ ", $\frac{1}{8}$ ", $\frac{3}{2}$ ", $\frac{1}{2}$ ", $\frac{1}{8}$ ", and $\frac{5}{8}$ ".

No. 2104—10 Piece "Pee-Wee" Set.....Price \$0.64
Weight 14 oz.

11 Piece Set



Eleven Piece Set contains the ever popular 6" Swing Head Handle and Cross Bar together with nine hexagon Sockets, sizes $\frac{3}{2}$ ", $\frac{1}{8}$ ", $\frac{3}{2}$ ", $\frac{3}{8}$ ", $\frac{1}{8}$ ", $\frac{3}{2}$ ", $\frac{1}{2}$ ", $\frac{1}{8}$ ", and $\frac{5}{8}$ ".

No. 2105—11 Piece "Pee-Wee" Set.....Price \$1.00
Weight 14 oz.

12 Piece Set



Twelve Piece Set contains a 5" Ratchet with Short Adaptor, 6" L Handle, and nine hexagon Sockets, sizes $\frac{3}{2}$ ", $\frac{1}{8}$ ", $\frac{3}{2}$ ", $\frac{3}{8}$ ", $\frac{1}{8}$ ", $\frac{3}{2}$ ", $\frac{1}{2}$ ", $\frac{1}{8}$ ", and $\frac{5}{8}$ ".

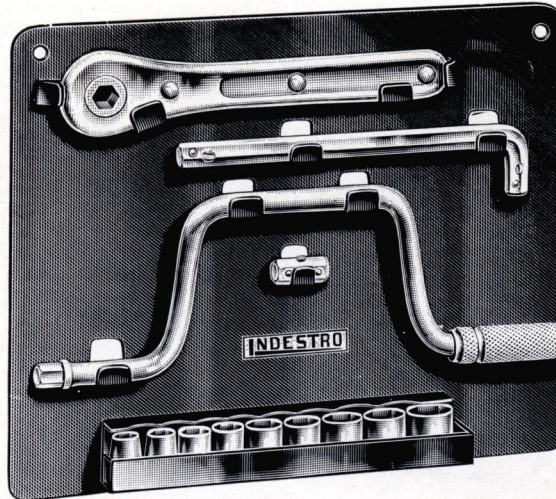
No. 2106—12 Piece "Pee-Wee" Set.....Price \$1.00
Weight 14 oz.



"Wrench-Rak" Socket Sets

$\frac{3}{8}$ " Hexagon Drive

Handy
Complete
Wrench
Set for
Household
and
Light Work



Fasten
Convenient
Metal
Holder
over
Work Bench
13 Piece Set

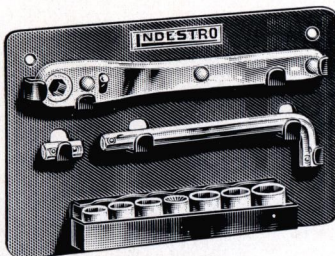
The three "Wrench-Raks" (patented) shown on this page have a heavy metal panel, attractively baked enameled, that can be fastened in any convenient location. All tools easily removed or replaced and in plain sight. The thirteen piece set shown above has Ratchet, Adaptor, L Handle, Speeder Handle and nine hexagon Sockets, sizes $\frac{3}{32}$ ", $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{13}{32}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", and $\frac{5}{8}$ ". All $\frac{3}{8}$ " hexagon drive. All parts heavily cadmium plated.

No. 2131—13 Piece "Wrench-Rak".....

Price \$1.30
Weight 2½ lbs.

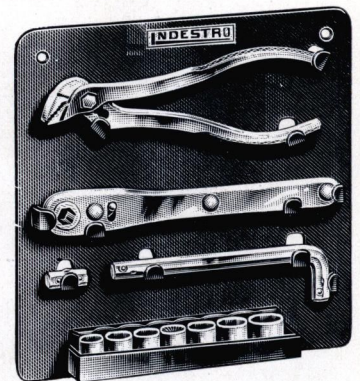
"Wrench-Rak" Household Socket Sets

$\frac{1}{4}$ " Hexagon Drive



10 Piece Set

The two sets illustrated have $\frac{1}{4}$ " hexagon drive and are especially useful around the home, radio and other small work. The "Raks" are baked enamel in assorted red and green. Special feature in each set is the Reversible Ratchet.



11 Piece Set

CONTENTS

Reversible Ratchet
Adaptor
4" L Handle
 $\frac{3}{8}$ " Round Knurled Socket
 $\frac{1}{4}$ " Square Socket

$\frac{1}{4}$ " Hexagon Socket
 $\frac{5}{16}$ " Hexagon Socket
 $\frac{11}{32}$ " Hexagon Socket
 $\frac{3}{8}$ " Hexagon Socket
 $\frac{7}{16}$ " Hexagon Socket

No. 351—10 Piece "Wrench-Rak".....Price \$0.65
Weight 12 oz.

CONTENTS

Reversible Ratchet
Adaptor
4" L Handle
 $\frac{3}{8}$ " Round Knurled Socket
 $\frac{1}{4}$ " Square Socket
Chrome Vanadium Steel Midgert Pliers

$\frac{1}{4}$ " Hexagon Socket
 $\frac{5}{16}$ " Hexagon Socket
 $\frac{11}{32}$ " Hexagon Socket
 $\frac{3}{8}$ " Hexagon Socket
 $\frac{7}{16}$ " Hexagon Socket

No. 352—11 Piece "Wrench-Rak".....Price \$0.98
Weight 1 lb.



Tools FOR SERVICE

"Spin-Flex" and Spinner Type Wrenches



"Spin-Flex" Wrenches

(Registered U. S. Patent Office)

"Spin-Flex" Wrenches meet that urgent need of the mechanic for a tool that "will reach around the corner" and yet have positive action in either the on or off motion. The flexible connection is sturdy enough for all purposes yet flexible enough to reach those hard to get at places under the dash, around the carburetor, etc. Handles of Special Moulded Black Material making them "Shock-Proof."

These are very popular either individually or in sets as listed below.

No.	Size	Length	Price
341	$\frac{3}{16}$ "	$7\frac{3}{4}$ "	\$0.84
342	$\frac{1}{4}$ "	$7\frac{3}{4}$ "	.84
343	$\frac{5}{16}$ "	$7\frac{3}{4}$ "	.84
344	$\frac{11}{32}$ "	$7\frac{3}{4}$ "	.84
345	$\frac{3}{8}$ "	$7\frac{3}{4}$ "	.84
346	$\frac{7}{16}$ "	$7\frac{3}{4}$ "	.84
*347	$\frac{1}{2}$ "	8"	1.08
*348	$\frac{9}{16}$ "	8"	1.08

Average Weight 6 oz.

*These two have larger handles in proportion to size socket.

Sets of "Spin-Flex" Wrenches

The assortments listed below offer complete sets of "Spin-Flex" Wrenches in either a leatherette roll or carton.

No. 340-8F—Set of 8 "Spin-Flex" Wrenches with all sizes shown above in carton.....Price \$7.20
Weight $3\frac{1}{2}$ lbs.

No. 340-8R—Same Set as above in roll.....Price \$7.80
Weight 4 lbs.

No. 340-6F—Set of 6 "Spin-Flex" Wrenches sizes $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", and $\frac{7}{16}$ " in carton.....Price \$5.04
Weight 3 lbs.

No. 340-6R—Same Set as above in roll.....Price \$5.64
Weight $3\frac{1}{2}$ lbs.



"Spin-Flex" Adaptors

In the two fittings illustrated and listed below are offered a Spinner Type Handle that embodies the "Spin-Flex" principle to use with standard $\frac{1}{4}$ " square drive Sockets and a "Spin-Flex" Adaptor with $\frac{1}{4}$ " square male and female ends.

No. 2879—"Spin-Flex" Type $\frac{1}{4}$ " Square Handle.....Price \$0.84
Weight $\frac{1}{4}$ lbs.

No. 2870—"Spin-Flex" $\frac{1}{4}$ " Square Adaptor.....Price \$0.90
Weight 2 oz.



Spinner Type Wrenches

These Wrenches are furnished in the three types illustrated below. The Sockets are accurately machined and properly heat treated and hardened. The shafts are firmly fastened into the Socket as well as the fluted yellow enameled Handle. Average weight per dozen, $2\frac{1}{2}$ lbs.

SHORT STRAIGHT TYPE



No.	Opening	Length	Price
371	$\frac{3}{16}$ "	6"	\$0.14
372	$\frac{1}{4}$ "	6"	.14
373	$\frac{5}{16}$ "	6"	.14
374	$\frac{11}{32}$ "	6"	.14
375	$\frac{3}{8}$ "	6"	.14
376	$\frac{7}{16}$ "	6"	.14
377	$\frac{1}{2}$ "	6"	.14
379	$\frac{3}{8}$ " Knurled	6"	.14

No. 370-8F—Set of 8 Short Straight Type Wrenches
Listed above in carton.....Price \$1.12
Weight $1\frac{1}{4}$ lbs.

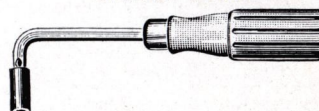
LONG STRAIGHT TYPE



No.	Opening	Length	Price
391	$\frac{3}{16}$ "	9"	\$0.16
392	$\frac{1}{4}$ "	9"	.16
393	$\frac{5}{16}$ "	9"	.16
394	$\frac{11}{32}$ "	9"	.16
395	$\frac{3}{8}$ "	9"	.16
396	$\frac{7}{16}$ "	9"	.16
397	$\frac{1}{2}$ "	9"	.16
399	$\frac{3}{8}$ " Knurled	9"	.16

No. 390-8F—Set of 8 Long Straight Type Wrenches
Listed above in carton.....Price \$1.28

OFFSET TYPE



No.	Opening	Length	Price
381	$\frac{3}{16}$ "	7"	\$0.16
382	$\frac{1}{4}$ "	7"	.16
383	$\frac{5}{16}$ "	7"	.16
384	$\frac{11}{32}$ "	7"	.16
385	$\frac{3}{8}$ "	7"	.16
386	$\frac{7}{16}$ "	7"	.16
387	$\frac{1}{2}$ "	7"	.16
389	$\frac{3}{8}$ " Knurled	7"	.16

No. 380-8F—Set of 8 Offset Type Wrenches listed
above in cartonPrice \$1.28
Weight $1\frac{1}{4}$ lbs.



Sockets and Fittings

1/2" Hexagon Drive

The tools shown on this page are for use only with 1/2" hexagon attachments, such as used in our various Handy Socket Sets. They are well constructed from carefully selected steel, properly hardened and cadmium plated.



Screw Driver Adaptor

Milled from 1/2" Hex. stock and tempered for rough usage. May be used as short extension or screw driver bit. Cadmium plated.

Weight 1 oz.

No. 1302—Screw Driver Adaptor.....Price \$0.06



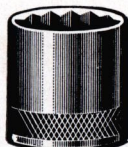
Short Hex. Drive Sockets

For use in our Wrench Sets 1207, 1209, 1211, 1212, 1216, 1225 and 1226. Milled from bar steel, properly hardened, and cadmium plated. 3/8" and smaller are 6 point. Larger, 12 point.

No.	Size	Price	No.	Size	Price
1310	5/16"	\$0.06	1320	5/8"	\$0.08
1311	11/32"	.06	1322	11/16"	.08
1312	3/8"	.06	1324	3/4"	.08
1314	7/16"	.06	1325	25/32"	.10
1316	1/2"	.06	1328	7/8"	.10
1318	9/16"	.06	1330	15/16"	.10
1319	19/32"	.06	1309	Alemite Socket	.14

Hex. Drive Square Sockets

No.	Size	Price
1310S	5/16"	\$0.06
1311S	11/32"	.06
1312S	3/8"	.06



Long Hex. Drive Sockets

Similar to those above except slightly deeper. For Wrench Sets 1219, 1229, 1235, 1236 and 1239. All 12 point openings.

No.	Size	Price	No.	Size	Price
1414	7/16"	\$0.07	1420	5/8"	\$0.09
1416	1/2"	.07	1422	11/16"	.09
1417	17/32"	.07	1424	3/4"	.09
1418	9/16"	.07	1428	7/8"	.11
1419	19/32"	.07	1430	15/16"	.12

Screw Driver Socket

Milled from bar steel properly hardened and cadmium plated. For use with 1/2" hexagon handles and adaptors.

No. 1301—Screw Driver Socket.....Price \$0.12
Weight 1 oz.



Reversible Ratchet



A new type Reversible Ratchet with positive yet very smooth action. 6 3/4" long, heavily cadmium plated.

No. 1358—Reversible RatchetPrice \$0.64
Weight 6 oz.

Enclosed Type Ratchet



Well made, positive action. Pawl and cog hardened. Cadmium plated. Length overall, 6 3/4".

No. 1308—RatchetPrice \$0.30
Weight 6 oz.

Open Type Ratchet



Strongly constructed of accurate stampings, and well machined parts. Free acting and sure. Cadmium plated. Length overall 6 3/4".

No. 1307—RatchetPrice \$0.28
Weight 6 oz.

Hexagon L Handles



A very handy attachment for use with 1/2" hexagon drive sockets. Heavily cadmium plated and fitted with a friction ball on each end.

No. 1303—6 1/2" Hex. L Handle.....Price \$0.14
Weight 6 oz.

No. 1304—7 1/2" Hex. L Handle.....Price \$0.16

No. 1305—9" Hex. L Handle.....Price \$0.21
Weight 10 oz.

Combination Hex. L-T Handle



A most practical three purpose tool. May be used either as L Handle, T-Handle or Offset Handle. Cadmium plated 1/2" Hex. L Handle and shell.

No. 1306—Combination Hex. L-T Handle.....Price \$0.36
Weight 14 oz.

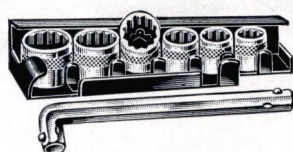


Tools FOR SERVICE

Handy Socket Sets

1/2" Hexagon Drive

The sets shown on this and the opposite page offer a combination of utility, convenience and price. All cases are finished in baked japan. The sockets and fittings are heavily plated. Each set has been carefully designed and parts selected for maximum utility.



No. 1224

7 Piece Set

The patented case on this set allows sockets to be removed very conveniently and consists of six Sockets and L Handle.

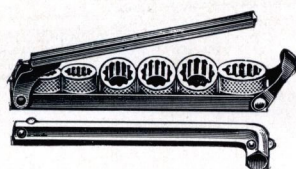
CONTENTS

L Handle

1/2" 12 Point Socket
3/8" 12 Point Socket
5/8" 12 Point Socket

1 1/8" 12 Point Socket
3/4" 12 Point Socket
7/8" 12 Point Socket

No. 1224—"12 Point" Handy 7 Piece Wrench Set.....Price \$0.66
Weight 1 1/4 lbs.



No. 1225

7 Piece Set

Note from illustration slightly different case than above with same combination of sockets and fittings.

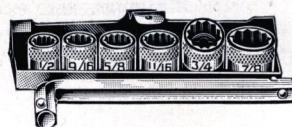
CONTENTS

L Handle

1/2" 12 Point Socket
3/8" 12 Point Socket
5/8" 12 Point Socket

1 1/8" 12 Point Socket
3/4" 12 Point Socket
7/8" 12 Point Socket

No. 1225—"12 Point" Handy 7 Piece Wrench Set.....Price \$0.66
Weight 1 1/4 lbs.



No. 1226

7 Piece Set

Designed for those who prefer hinged cover case and with the same combination of sockets and fittings as above.

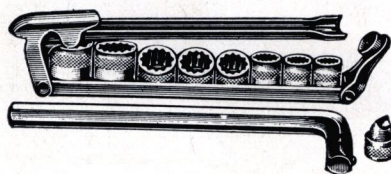
CONTENTS

L Handle

1/2" 12 Point Socket
3/8" 12 Point Socket
5/8" 12 Point Socket

1 1/8" 12 Point Socket
3/4" 12 Point Socket
7/8" 12 Point Socket

No. 1226—"12 Point" Handy 7 Piece Wrench Set.....Price \$0.66
Weight 1 1/4 lbs.



No. 1219

10 Piece Set

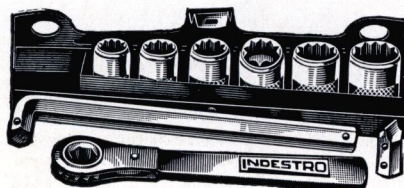
This set consists of eight Hexagon Sockets, Screw Driver Socket and L Handle.

CONTENTS

Screw Driver Socket
L Handle
3/8" 12 Point Socket
1/2" 12 Point Socket
5/8" 12 Point Socket

5/8" 12 Point Socket
1 1/8" 12 Point Socket
3/4" 12 Point Socket
7/8" 12 Point Socket
1 1/8" 12 Point Socket

No. 1219—"12 Point" Handy 10 Piece Wrench Set.....Price \$1.14
Weight 2 lbs



No. 1229

9 Piece Set with Ratchet

A very desirable combination of six Sockets, Ratchet, L Handle and Screw Driver Adaptor.

CONTENTS

Ratchet

L Handle
Screw Driver Adaptor
1/2" 12 Point Socket
3/8" 12 Point Socket

5/8" 12 Point Socket
1 1/8" 12 Point Socket
3/4" 12 Point Socket
7/8" 12 Point Socket

No. 1229—"12 Point" Handy 9 Piece Wrench Set.....Price \$1.14
Weight 2 lbs.



Handy Socket Sets

1/2" Hexagon Drive

9 Piece Set

This set with enclosed type Ratchet, six Sockets, L Handle and Screw Driver Adaptor is very popular and an excellent value.

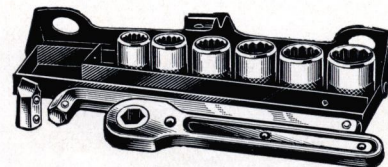
CONTENTS

1/2" 12 Point Socket	3/4" 12 Point Socket
5/8" 12 Point Socket	7/8" 12 Point Socket
1 1/8" 12 Point Socket	Ratchet
	L Handle

Screw Driver Adaptor

No. 1239—9 Piece Wrench Set.....Price \$1.18
Weight 2 lbs.

No. 1239R—9 Piece Wrench Set with Reversible Ratchet No. 1358 shown
on page 37Price \$1.46
Weight 2 lbs.



No. 1239

13 Piece Set

Here is a combination of ten Sockets, Ratchet, L Handle and Screw Driver Adaptor with a complete range of sizes from 7/16" to 1 1/8".

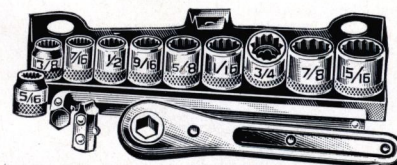
CONTENTS

7/16" 12 Point Socket	1 1/8" 12 Point Socket
1/2" 12 Point Socket	3/4" 12 Point Socket
9/16" 12 Point Socket	7/8" 12 Point Socket
5/8" 12 Point Socket	1 1/8" 12 Point Socket
1 1/8" 12 Point Socket	Ratchet
5/8" 12 Point Socket	L Handle

Screw Driver Adaptor

No. 1236—13 Piece Wrench Set.....Price \$1.46
Weight 2 1/2 lbs.

No. 1236R—13 Piece Wrench Set with Reversible Ratchet No. 1358 shown
on page 37Price \$1.74
Weight 2 1/2 lbs.



No. 1236

11 Piece Set

This combination of Ratchet L Handle, Screw Driver Adaptor and eight Sockets has been the outstanding number in sales for many years.

CONTENTS

7/16" 12 Point Socket	3/4" 12 Point Socket
1/2" 12 Point Socket	7/8" 12 Point Socket
9/16" 12 Point Socket	1 1/8" 12 Point Socket
5/8" 12 Point Socket	L Handle
1 1/8" 12 Point Socket	Ratchet

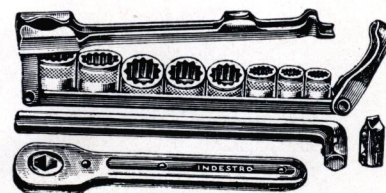
Screw Driver Adaptor

No. 1235—11 Piece Wrench Set.....Price \$1.36
Weight 2 1/4 lbs.

No. 1235R—11 Piece Wrench Set with Reversible Ratchet No. 1358 shown
on page 37Price \$1.64

11 Piece Set contains same parts as 1235 except in case similar to that shown with No. 1236.

No. 1235KPrice \$1.36



No. 1235

19 Piece Set

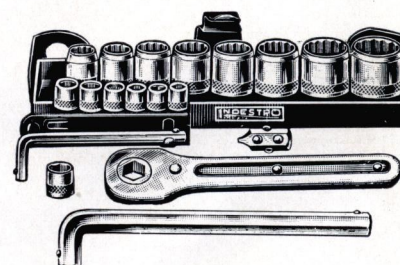
In this set is offered a combination of small Ignition Sockets as well as the larger standard size Sockets in a very compact and convenient case.

CONTENTS

7/16" Hexagon Socket	3/4" 12 Point Socket
1/2" 12 Point Socket	7/8" 12 Point Socket
9/16" 12 Point Socket	1 1/8" 12 Point Socket
5/8" 12 Point Socket	Screw Driver Adaptor
1 1/8" 12 Point Socket	Ratchet

L Handle
1/4" Hexagon Drive

1/4" Hexagon Socket	3/8" Hexagon Socket
1/4" Square Socket	3/8" Knurled Socket
7/16" Hexagon Socket	7/16" Hexagon Socket
1 1/2" Hexagon Socket	L Handle



No. 1234

No. 1234—19 Piece Wrench SetPrice \$1.72
Weight 2 3/4 lbs.

No. 1234R—18 Piece Wrench Set with Reversible Ratchet No. 1358 shown
on page 37Price \$2.00
Weight 2 3/4 lbs.



Tools FOR SERVICE

Handy Socket Sets

$\frac{1}{2}$ " Hexagon Drive



No. 1207

A compact wrench set which may be carried in car pocket or tool kit. Consists of $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ " "12 Point" Sockets and L Handle in hinged cover metal box. All parts carefully hardened and cadmium plated.

No. 1207—7-pc. Socket Set.....Price \$0.68
Weight $1\frac{1}{2}$ lbs.

No. 1207C—Above Set in Fiber Box.....Price \$0.60
Weight $1\frac{1}{4}$ lbs.



No. 1209

This set contains $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", and $\frac{7}{8}$ " "12 Point," cadmium plated sockets, Ratchet Handle, Offset Handle and Combination Adaptor and Screw Driver. Packed in attractive, slide-cover steel box.

No. 1209—9-piece Socket Set in Metal Box.....Price \$1.18
Weight $2\frac{1}{4}$ lbs.

No. 1209R—9-piece Socket Set with Reversible Ratchet No. 1358 shown on page 37Price \$1.46
Weight $2\frac{1}{4}$ lbs.

No. 1209C—9-piece Socket Set in Fiber Box.....Price \$0.93
Weight 2 lbs.

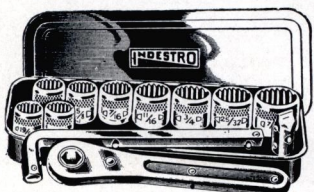


No. 1211

This set contains $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{11}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", and $\frac{7}{8}$ " "12 Point" cadmium plated sockets, Ratchet Handle, Offset Handle and Combination Adaptor and Screw Driver. Packed in attractive slide-cover steel box.

No. 1211—11-piece Socket Set.....Price \$1.36
Weight $2\frac{1}{2}$ lbs.

No. 1211R—11-piece Socket Set with Reversible Ratchet No. 1358 shown on page 37Price \$1.64
Weight $2\frac{1}{2}$ lbs.



No. 1212

This set contains $\frac{1}{8}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{11}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", and $\frac{7}{8}$ " "12 Point" cadmium plated Sockets, Ratchet Handle, Offset Handle and Combination Adaptor and Screw Driver. Packed in attractive slide-cover steel box.

No. 1212—12-piece Socket Set.....Price \$1.40
Weight $2\frac{1}{2}$ lbs.

No. 1212R—12-piece Socket Set with Reversible Ratchet No. 1358 shown on page 37Price \$1.68
Weight $2\frac{1}{2}$ lbs.



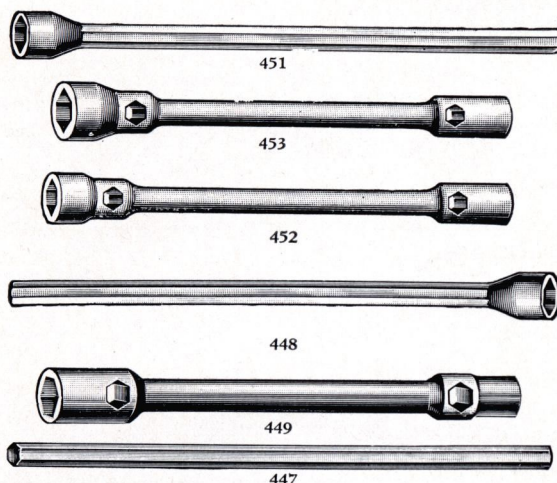
No. 1216

This set contains $\frac{1}{8}$ ", $\frac{11}{16}$ ", and $\frac{3}{8}$ " Square Sockets; $\frac{1}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{11}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ " "12 Point" Cadmium Plated Sockets and combination L-T Handle. Packed in attractive slide-cover steel box.

No. 1216—16-piece Socket Set.....Price \$1.36
Weight 3 lbs.



Rim Wrenches



Designed and constructed for heavy duty work. Forged from alloy steel. Heavily plated, rust-proof finish. Sockets on Nos. 452 and 453 are double broached on one end, thus having a combination of two different sized openings inside of one socket or three openings on each wrench. The 20" combination handle and wrench acts as powerful Slide T bar. **No. 451—Combination Wrench and Slide Bar.** Socket is 1 1/8" hex. size. 20" long. Bar is 3/4" diameter. Price \$0.84 Weight 3 lbs.

No. 453—Double End Truck Rim Wrench with 1 1/8" hex. and 1 1/2" square openings on one end and 1 1/2" hex. opening on other end. 16" long. Fits Ford Dual Wheels and many others. Price \$1.11 Weight 4 1/2 lbs.

No. 452—Double End Truck Rim Wrench with 7/8" hex. and 5/8" square openings on one end and 1 1/4" hex. opening on other end. 16" long. Fits Chevrolet Dual Wheel, Mack and many others. Price \$1.11 Weight 4 1/2 lbs.

No. 448—20" Lever forged from alloy steel with 1 1/8" hexagon socket, serves Reo, Federal, G.M.C., etc. Price \$0.84 Weight 3 lbs.

No. 449—Double End Truck Wrench, forged from alloy steel, openings 7/8" and 1 1/8" hexagon. Ideal for International trucks. Price \$1.26 Weight 4 lbs.

No. 447—Cross Bar to fit Nos. 449, 452 and 453. Price \$0.60 Weight 2 3/4 lbs.

No. 450—Set of three Wrenches Nos. 451, 452 and 453. Price \$3.06 Weight 12 lbs.

Set for Ford Trucks

A combination of numbers 447 and 453 giving a Slide Bar as well as a Wrench with openings 1 1/8" and 1 1/2" hexagon together with 1 1/8" square.

No. 450F—Set for Ford Trucks. Price \$1.71 Weight 7 1/2 lbs.

Set for Chevrolet Trucks

A combination of numbers 447 and 452 giving a Slide Bar as well as a Wrench with openings 7/8" and 1 1/4" hexagon together with 5/8" square. For all Chevrolet Dual Wheels.

No. 450C—Set for Chevrolet Trucks. Price \$1.71 Price \$1.65 Weight 7 lbs.

Double End Rim Wrench



A combination rim wrench with hexagon openings 3/4" and 1 1/8". Popular for Ford and Chevrolet. Heavily plated.

No. 620—Double Rim Wrench 3/4" x 1 1/8" Price \$0.40 Weight 1 3/4 lbs.

Rim Wrenches with Speeder Handles



Solid one piece Wrenches, with revolving knurled handles, made of 1/2" steel with extra deep forged sockets.

No. 0626—Hexagon 3/4" Socket. Price \$0.48
No. 0627—Hexagon 5/8" Socket. Price .48
No. 0628—Hexagon 1 1/8" Socket. Price .48
No. 0629—Hexagon 1 1/4" Socket. Price .48
No. 0654—Hexagon 7/8" Socket. Price .48
 Weight 1 1/2 lbs.

Rim Wrenches



Heavy 1/2" Handles. Sockets forged extra deep from solid bar steel. 15 1/2" long. Heavily nickel plated or black baked enamel.

Weight 1 1/4 lbs.

Plated		Hex. Size	Enameled	
No.	Price		No.	Price
626	\$0.33	3/4"	626B	\$0.30
627	.33	5/8"	627B	.30
628	.33	1 1/8"	628B	.30
629	.33	1 1/4"	629B	.30
654	.33	7/8"	654B	.30

Speed Wrenches



Solid steel, 1/2" diameter, revolving handle, hardened sockets; 10" shank, length 20 inches overall. Nickel plated.

No.	Hex. Opening	Each	No.	Hex. Opening	Each
414	7/16"	\$0.54	422	1 1/16"	\$0.54
416	1/2"	.54	424	3/4"	.54
418	9/16"	.54	425	25/32"	.54
419	19/32"	.54	426	13/16"	.54
420	5/8"	.54			

Weight each 1 lb. 10 oz.

Set for International Trucks

A combination of numbers 447 and 449 giving a Slide Bar as well as a Wrench with openings 7/8" and 1 1/8" hexagon.

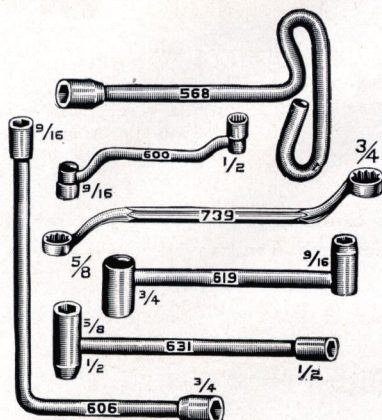
No. 450-IN—Set for International Trucks. Price \$1.92 Weight 7 lbs.



Tools

FOR SERVICE

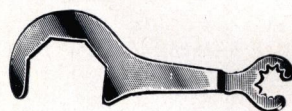
Chevrolet "6" Wrench Set



The six wrenches are especially adapted for the Chevrolet "6" and are suitable for both the car owner and mechanic. All wrenches are carefully designed for both utility and strength. No. 739 is drop forged chrome vanadium steel, the others are made from special analysis solid bar steel.

- No. 6006C—Set of six wrenches for Chevrolet "6" as illustrated, complete in strong fiber carton.....Price \$3.48
Weight 5½ lbs.
- No. 568—Short T Handle Wrench ⅜" Hexagon fits Connecting Rod BoltsPrice \$0.36
Weight 1 lb.
- No. 600—Double Offset 12 Point Wrench ⅜" x ½" fits Manifold, Fan Bracket and many other Bolts and Nuts around the motor which are very difficult to reach.....
Price \$0.60
Weight ½ lb.
- No. 739—Forged Double End 12 Point Box Wrench Size ⅝" x ¾" for Main Bearings, 12" long.....Price \$1.32
Weight 1 lb.
- No. 619—Double End Wrench, ⅜" x ¾", fits Brake Arms, Bumpers, etc.Price \$0.36
Weight 1 lb.
- No. 631—Triple Socket Wrench ½" x ⅝" x ½" fits Fan Belt Tightener, Steering Wheel Housing, King Pin Bearings, etc.Price \$0.42
Weight 1 lb.
- No. 606—L Wrench ⅜" x ¾" fits Cylinder Head Bolts, Cylinder Head Covers, Tappets, Rod Cover, Water Hose ConnectionsPrice \$0.42
Weight 1¼ lbs.

Hub Cap-Water Pump Wrench



Made of heavy gauge steel cadmium plated, 3" and 1" openings. Especially designed for Chevrolet 1929 and 1930 hub caps and also for all models including 6 cylinder water pumps up to and including 1936.

- No. 405—Hub Cap-Water Pump Wrench.....Price \$0.24
Weight ½ lb.

Chevrolet Utility Wrench



This Wrench can be used for so many purposes on Chevrolet cars 1932 to 1937 that both the mechanic and car-owner cannot afford to be without it. Fits water pump, tappet cover, oil drain plug, differential, transmission and fan belt. Made from heavy steel, plated and hardened.

- No. 402—Chevrolet Utility Wrench.....Price \$0.32
Weight ½ lb.

Chevrolet Spindle Bushing Tool



It can be used without the collar on spring bushings of all 1925 to 1929 cars, on brake bushings on all 1927-29 as well as on starter housing bushings on all models up to 1933 Chevrolet cars. May also be used on Pontiac Six 1928-29-30-31-32 and Eight 1933.

- No. 2023—Chevrolet Spindle Bushing Tool.....Price \$0.45
Weight 1 lb.

Fan Belt and Water Pump Wrench

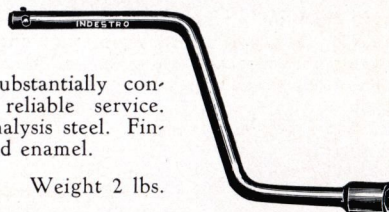
For all 6 Cylinder Chevrolts to adjust Fan Belt and Water Pump Packing Nut.



Openings ½" x 1". Made of heavy gauge steel, heat treated and hardened. Blue mottled finish.

- No. 406Price \$0.24
Weight ¼ lb.

Crank Handles and Wheel Wrenches

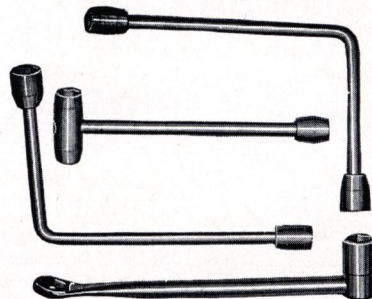


This wrench is substantially constructed to give reliable service. Made of special analysis steel. Finished in black baked enamel.

Weight 2 lbs.

- No. 601—Crank Handle and ¾" Rim Wrench for Chevrolet cars Models 1925-27 and 1931-32.....Price \$0.42
Weight 2 lbs.
- No. 602—Crank Handle only for Chevrolet cars. Models 1929-30Price \$0.39
Weight 3½ lbs.
- No. 603—Crank Handle and ¾" Rim Wrench for Chevrolet cars. Models 1928 and 1933.....Price \$0.36
Weight 2 lbs.

Set for Chevrolet "4" Cars



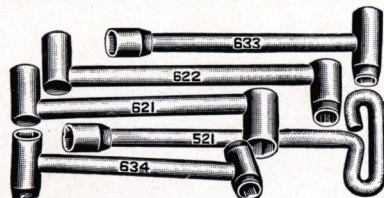
A complete set for Chevrolet cars. Made of steel, highly plated; openings accurately sized and plainly marked. Openings ⅝" x 1½", ½", ⅝", ½", 1½" x 1½".

- No. 6004CPrice Per Set \$1.86
Weight 4 lbs.
- No. 607—L Wrench for rod bolts, motor support on Chevrolet 4, ⅝" and 1½" hexagon opening.....Price \$0.42
Weight 14 oz.
- No. 631—Triple Socket Wrench fits oil pump. Bendix drive transmission, axle housing, hand bolts, etc. Hexagon openings ½" x ⅝" x ½".....Price \$0.42
Weight ¾ lbs.
- No. 606—L Wrench for connecting rods, cylinder head bolts, fly wheel, cap screws, manifolds, etc. Openings ¾" and 1½" hexagon.....Price \$0.42
Weight 1¼ lbs.
- No. 624—Box End Wrench 1½" hexagon openings for Chevrolet 4 main bearings.....Price \$0.60
Weight 1 lb.



Wrenches and Tools for Ford "A", "B" and "V8"

Model "A" and "B" Ford Set



This Set is designed especially for model "A" and "B" Fords. It is made of cold rolled steel and nickel plated. Openings are correctly sized and plainly marked. Set of five wrenches packed in cardboard container. Detailed description below.

Weight 6½ lbs.

No. 6005FA—Set of 5 Wrenches.....Price \$2.52

No. 633

Triple openings wrench, ½" and ⅝" hexagon openings same end, ⅝" hexagon opening opposite end; for spring clips, exhaust pipe bracket, valve cover, timing gear side plate, brake rod connection, water inlet, bumper, engine perch support.

No. 633—Triple WrenchPrice \$0.42
Weight 1 lb.

No. 622

Double-end socket wrench, ¾" hexagon and ⅜" square openings; for main bearing.

No. 622—Double End Wrench.....Price \$0.58
Weight 1½ lbs.

No. 621

Double-end socket wrench, ⅞" and ¾" hexagon openings for spring clips, front and rear engine perch, fastening bumper to frame, radius rod, front and rear radius rod ball cap.

No. 621—Double End Wrench.....Price \$0.57
Weight 1½ lbs.

No. 634

Quadruple opening wrench, 1⅛" and ⅝"; ⅞" and ½" hexagon openings for universal joint, fly wheel housing, cylinder head, brake rod arm, rear transmission housing.

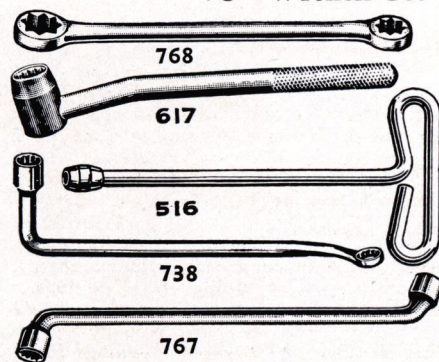
No. 634—Quadruple WrenchPrice \$0.48
Weight 1 lb.

No. 521

T-Handle connecting rod wrench; ⅜" hexagon opening, 12" long.

No. 521—⅜" "T" Wrench.....Price \$0.42
Weight 1½ lbs.

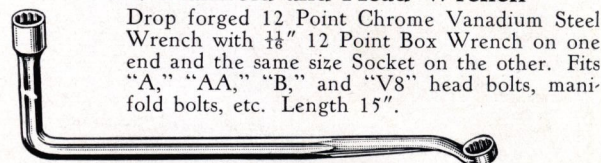
"V8" Wrench Set



This Set consists of the five wrenches illustrated and described in next column, No. 768, No. 617, No. 516, No. 738, and No. 767, packed in a substantial fiber carton.

No. 6005-V8—5 Piece "V8" Wrench Set.....Price \$3.90
Weight 7 lbs.

Ford Manifold and Head Wrench



Drop forged 12 Point Chrome Vanadium Steel Wrench with 1⅛" 12 Point Box Wrench on one end and the same size Socket on the other. Fits "A," "AA," "B," and "V8" head bolts, manifold bolts, etc. Length 15".

No. 738—Manifold and Head Wrench.....Price \$1.32
Weight 1 lb. 6 oz.

Ford Brake Adjusting Wrench



Drop Forged Carbon Steel Wrench with ample leverage for frozen or rusted brake adjusting nuts. Double Square 8 Point openings ½" and ⅞". Fits Ford "A," "AA," "B," "BB," "V8-18," and "V8-40." Cadmium plated, 11" long.

No. 768—Brake Adjusting Wrench.....Price \$0.48
Weight 1 lb.

Ford Main Bearing Wrench



A forged Chrome Vanadium Steel Wrench with accurately machined Sockets ⅞" "8 Point" square and ¾" "12 Point" hexagon openings. Duplex finished. For main bearings in Ford "A," "AA," "B," "BB," "V8."

No. 767—Main Bearing Wrench.....Price \$1.26
Weight 1¼ lbs.

No. 183—Similar Wrench to above except made from Carbon SteelPrice \$0.60
Weight 1 lb.

Ford Utility Wrench



A Wrench that neither the Ford mechanic nor the Ford owner can afford to be without. On Fords 1932 to 1937 fits spark plug, differential, brakes, transmission and oil drain. Heavy steel, hardened and plated.

No. 401—Ford Utility Wrench.....Price \$0.32
Weight ½ lb.

Connecting Rod Wrenches



This ⅜" "12 Point" Wrench is adapted for connecting rod bolt on Model "A" and "B" Fords.

No. 615—Connecting Rod Wrench ⅜".....Price \$0.51
Weight 1 lb.

⅞" "12 Point" Extra Thin Nose Chrome Vanadium Steel Connecting Rod Wrench for "V8" Ford.

No. 617—Connecting Rod Wrench ⅞".....Price \$0.51
Weight 1 lb.



Tools FOR SERVICE

Ford "A" and "B" Water Pump Wrench

For adjusting packing nut on water pump of Model A Ford cars. Stamped from heavy steel hardened and plated.



No. 677.....Price \$0.09
Weight 2 lbs. per dozen

Ford "V8" Shock Absorber Wrench



Specially designed for work in extremely limited space to reach Filler Plug Screw and to fit the Arm Bolts on all 1934-36 "V8" Ford Rear Absorbers. Has $\frac{7}{8}$ " square 8-point and $\frac{1}{8}$ " hex. 12-point openings. $4\frac{1}{2}$ " length overall. Drop forged Chrome Vanadium Steel, heat treated and tempered. Duplex satin finish with polished head.

No. 275—Ford "V8" Shock Absorber Wrench.....Price \$0.51
Weight 4 oz.

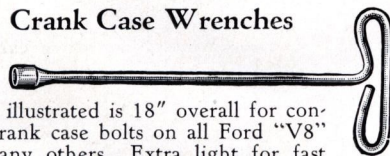
Spindle and Spring Perch Bushing Tool



A heavy heat treated and hardened steel tool designed for removing and replacing bushings for steering spindle and spring perch in Models "A," "B," "V8-18" and "V8-40" Ford cars. Rugged construction, good design. Blue mottled finish. Each tool packed in individual container.

No. 2022—Bushing ToolPrice \$0.45
Weight 1 lb.

Crank Case Wrenches



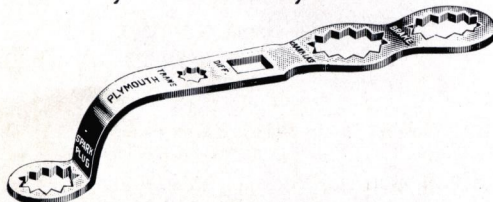
Special T Wrench illustrated is 18" overall for convenient reach of crank case bolts on all Ford "V8" cars as well as many others. Extra light for fast work. Has $\frac{1}{2}$ " hexagon, thin wall, forged socket. Rust-proof finish.

No. 516L—Extra Long Crank Case Wrench.....Price \$0.48
Weight $\frac{3}{4}$ lb.

Similar Wrench to that above, except 12" long, for use on Ford "A" cars.

No. 516—Long Crank Case Wrench.....Price \$0.42
Weight $\frac{1}{2}$ lb.

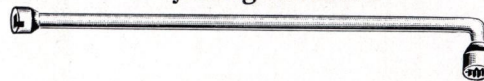
Plymouth Utility Wrench



For all Plymouths 1932 to 1937. Fits spark plug, transmission, differential, oil drain and brake adjustment. Heavy steel, heat treated and hardened. Heavily plated.

No. 403—Plymouth Utility Wrench.....Price \$0.32
Weight $\frac{1}{2}$ lb.

Combination Brake and Shock Absorber Adjusting Wrench



(17" Long)

This tool is substantially made from solid bar steel with accurately machined socket to fit the adjusting screw for Ford "A" Shock Absorbers as well as a special $\frac{7}{8}$ " double square eight point Chrome Nickel Steel Socket to take care of adjusting screw of the brakes on Ford "A," "B," "V8-18" and "V8-40," enabling adjustments to be made without getting under car. Highly nickel plated.

No. 614A—Combination Brake and Shock Absorber WrenchPrice \$0.48

Ford Piston Pin Tools

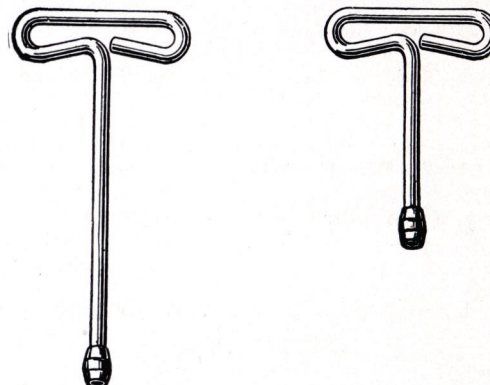
To properly insert Piston Pins on Ford cars, it is absolutely necessary to have some special tool, so as to do the job quickly and conveniently. Heat treated, tempered and hardened. Blue mottled finish, with polished ends.



No. 2024-AB—Piston Pin Tool for Model "A" and "B" FordPrice \$1.02

No. 2024-V8—Piston Pin Tool for Ford "V8-18" and "V8-40"Price \$1.02
Weight 2 lbs.

Long and Short "T" Handle Wrenches



No. Long	Size	No. Short	No. Long	Size	No. Short
514	$\frac{7}{16}$ "	564	522	$\frac{11}{16}$ "	572
516	$\frac{1}{2}$ "	566	524	$\frac{3}{4}$ "	574
518	$\frac{9}{16}$ "	568	525	$\frac{25}{32}$ "	575
519	$\frac{19}{32}$ "	569	526	$\frac{13}{16}$ "	576
520	$\frac{5}{8}$ "	570	528	$\frac{7}{8}$ "	578
521	$\frac{21}{32}$ "	571			

Weight $1\frac{1}{4}$ lbs.

Weight 1 lb.

Long "T" handles are 12" long, the short ones $6\frac{1}{2}$ " long. Made of $\frac{1}{2}$ " solid steel bar, heavily nickel plated.

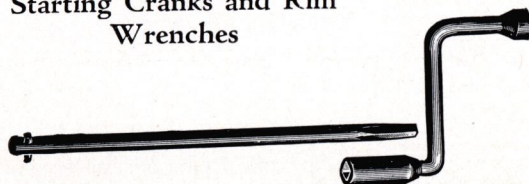
Long "T" Handles.....Price \$0.42

Short "T" Handles.....Price .36

Tools FOR SERVICE



Starting Cranks and Rim Wrenches



A dependable and low priced line of Crank Handles and Extensions. Forged from special analysis steel, properly heat treated and tempered. Finished in black baked enamel.

For Ford "B" and "V8"

Crank Handle and Rim Wrench $\frac{11}{16}$ " hexagon socket on one end for Wheel Nuts and $\frac{1}{8}$ " square opening on other end to fit all crank extensions listed below.

No. 597—Crank Handle and Rim Wrench.....Price \$0.45
Weight 1 $\frac{3}{4}$ lbs.

For use with above Crank Handle No. 597. Length, 20 $\frac{1}{4}$ ".

No. 598—Crank Extension for Ford "V8" 1935 and 1936 carsPrice \$0.30
Weight 2 lbs.

For use with above Crank Handle No. 597. Length, 18".

No. 599—Crank Extension for Ford "V8" 1932 to 1934 inclusivePrice \$0.27
Weight 1 $\frac{3}{4}$ lbs.

For use with above Crank Handle No. 597. Length, 15".

No. 605—Crank Extension for Ford "B" 1932 carsPrice \$0.24
Weight 1 $\frac{1}{2}$ lbs.

For 1935-36 Plymouth-Chrysler-Dodge

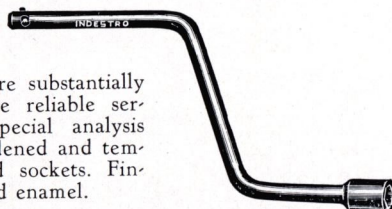
The Crank Handle and Rim Wrench has $\frac{3}{4}$ " hexagon socket on one end for Wheel Nuts and $\frac{1}{8}$ " square opening on other end to fit tapered end of Crank Extension. The Crank Extension is 27" overall. For use with above crank handle.

No. 596—Two-Piece Combination Rim Wrench and Crank ExtensionPrice \$0.90
Weight 4 $\frac{1}{2}$ lbs.

No. 594—Crank Handle only for Plymouth 1934, Dodge and Chrysler 6 and 8 cyl. 1934, 29 $\frac{1}{2}$ " overall.....Price \$0.54
Weight 4 $\frac{1}{4}$ lbs.

No. 595—Crank Handle only for Plymouth 1933, 24" overallPrice \$0.48
Weight 3 $\frac{1}{2}$ lbs.

Crank Handle and Rim Wrench



These Wrenches are substantially constructed to give reliable service. Made of special analysis steel, properly hardened and tempered, with forged sockets. Finished in black baked enamel.

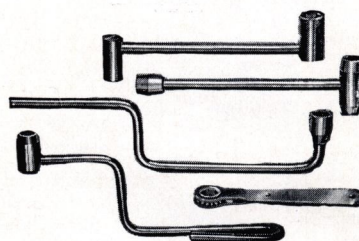
No. 601—Crank Handle and Rim Wrench for Chevrolet cars. Models 1925-27 and 1931-32.....Price \$0.42

No. 602—Crank Handle only for Chevrolet cars. Models 1929-30 and 1934-36 inclusive.....Price \$0.39

No. 603—Crank Handle and Rim Wrench for Chevrolet cars. Models 1928 and 1933.....Price \$0.36

No. 604—Model "A" Ford Crank Handle and Rim WrenchPrice \$0.42
Weight 2 lbs.

Model "T" Ford Set



A very useful Set for "T" Fords. Set consists of five Wrenches listed below. Openings accurately sized and plainly marked. Openings: $\frac{1}{8}$ " and $\frac{3}{4}$ "; $\frac{1}{2}$ ", $\frac{5}{8}$ "; $\frac{11}{16}$ ", $\frac{7}{8}$ ". One Transmission Band Ratchet Wrench with $\frac{11}{16}$ " hexagon opening.

No. 6005-FTPrice \$1.65
Weight 5 lbs.

Double Socket Wrench for brake shoe support, transmission cover, etc., $\frac{1}{8}$ " and $\frac{3}{4}$ " hexagon opening, 9" long.

No. 619—Double Offset Wrench.....Price \$0.36
Weight 1 $\frac{1}{2}$ lbs.

Triple Socket Wrench 9" long, $\frac{5}{8}$ ", $\frac{1}{2}$ " and $\frac{5}{8}$ " hexagon openings. Fits most important bolts and nuts.

No. 633—Triple Socket Wrench.....Price \$0.42
Weight 1 lb.

Fly Wheel Wrench with $\frac{11}{16}$ " hexagon opening, 13" long. Quite necessary for fly wheel bolts.

No. 612—Fly Wheel Wrench.....Price \$0.36
Weight 1 lb.

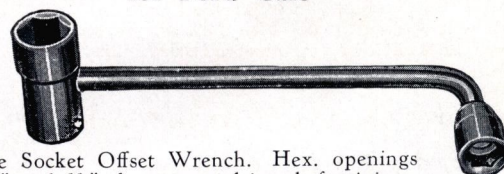
Transmission Band Ratchet for adjusting transmission and brakes. $\frac{11}{16}$ " hexagon openings.

No. 671—Transmission RatchetPrice \$0.26
Weight $\frac{1}{2}$ lb.

Connecting Rod Wrench special shape to reach all rods. $\frac{5}{8}$ " Hexagon opening.

No. 611—Connecting Rod Wrench.....Price \$0.36
Weight 1 lb.

Heavy Duty Socket Wrench for Ford Cars



A triple Socket Offset Wrench. Hex. openings $\frac{11}{16}$ ", $\frac{7}{8}$ " and $\frac{11}{16}$ ", for use on drive shaft pinions, front spring clip, hub bolts and nuts, radius rod, rear hub, lock nuts, spindle arm and body bolts. Built for heavy work. Hardened sockets, nicely nicked.

No. 632.....Price \$0.63
Weight 1 lb., 6 oz.

Bushing Remover Set

For removing and replacing old bushings on Model T cars. Well made, inexpensive time and trouble savers.

No. 1651—Spindle Body Bushing Remover.....Price \$0.24 Each

No. 1652—Spindle Arm Bushing Remover.....Price \$0.24 Each

No. 1653—Piston Bushing Remover.....Price \$0.28 Each

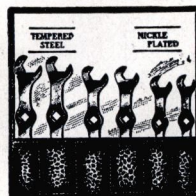
No. 1650—3 Piece Set.....Price \$0.72 Each
Weight 1 lb.





Tools FOR SERVICE

Stamped Steel Wrenches and Sets

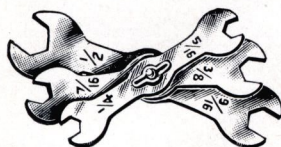


No. 111

Tappet Wrench Set

Set of six double end Wrenches, two of each size, for adjusting valve tappets. Opening sizes, $\frac{5}{8}$ " x $\frac{11}{16}$ ", $\frac{1}{2}$ " x $\frac{7}{8}$ ", and $\frac{3}{8}$ " x $\frac{1}{2}$ ". These sizes will fit practically any size valve tappet. Wrenches are made from high grade special analysis steel, heat treated and hardened, complete in leatherette case. Heavily nickel plated.

No. 111—Set CompletePrice \$0.45
Weight $\frac{3}{4}$ lb.

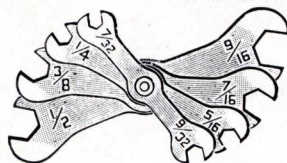


No. 108

3 Piece End Wrench Set

A light Open End Wrench Set for general use for light work and around the home. Openings $\frac{1}{4}$ " x $\frac{1}{8}$ ", $\frac{3}{8}$ " x $\frac{1}{8}$ " and $\frac{1}{2}$ " x $\frac{1}{8}$ ".

No. 108—4 Piece SetPrice \$0.13
Weight 3 oz.



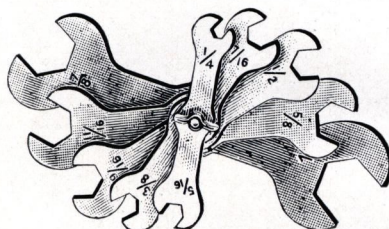
No. 109

4 Piece End Wrench Set

A convenient household set made from stamped steel heat treated and hardened, heavily plated and fastened together with screw and thumb nut.

4 Piece Wrench Set with openings $\frac{7}{32}$ " and $\frac{3}{32}$ ", $\frac{1}{4}$ " and $\frac{1}{8}$ ", $\frac{3}{8}$ " and $\frac{1}{8}$ " and $\frac{1}{2}$ " and $\frac{1}{8}$ ".

No. 109—4 Piece Set.....Price \$0.15
Weight $\frac{1}{4}$ lb.



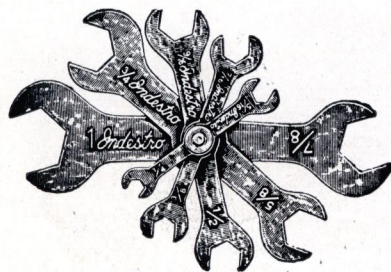
No. 113 and 114

5 Piece End Wrench Sets

These two sets have larger openings than those listed above and are of the same quality and finish.

5 Piece Set. Openings $\frac{7}{32}$ " x $\frac{3}{32}$ ", $\frac{1}{4}$ " x $\frac{1}{8}$ ", $\frac{3}{8}$ " x $\frac{1}{8}$ ", $\frac{1}{2}$ " x $\frac{1}{8}$ " and $\frac{5}{8}$ " x $\frac{11}{16}$ ".
No. 113—5 Piece Set.....Price \$0.20
Weight 6 oz.

5 Piece Set. Openings $\frac{1}{4}$ " x $\frac{1}{8}$ ", $\frac{3}{8}$ " x $\frac{1}{8}$ ", $\frac{1}{2}$ " x $\frac{1}{8}$ ", $\frac{5}{8}$ " x $\frac{11}{16}$ " and $\frac{7}{8}$ " x 1".
No. 114—5 Piece Set.....Price \$0.25
Weight $\frac{1}{2}$ lb.



No. 110

Nut and Tap Wrenches

Made from heavy gauge steel heat treated, tempered and hardened. Heavily plated. Openings in middle of Wrench is square to take taps.

No.	Openings	Tap	Length	Price
101	$\frac{1}{4}$ " x $\frac{5}{16}$ "	$\frac{5}{32}$ "	$3\frac{1}{4}$ "	\$0.03 $\frac{1}{2}$
102	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{7}{32}$ "	4"	.05
103	$\frac{1}{2}$ " x $\frac{9}{16}$ "	$\frac{1}{4}$ "	$4\frac{7}{8}$ "	.07
104	$\frac{5}{8}$ " x $\frac{3}{4}$ "	$\frac{9}{32}$ "	$5\frac{7}{8}$ "	.09
105	$\frac{7}{8}$ " x 1"	$\frac{3}{8}$ "	$6\frac{7}{8}$ "	.13

No. 110—Set of 5 Wrenches above as illustrated.....Price \$0.38
Weight 1 lb.

Tools FOR SERVICE



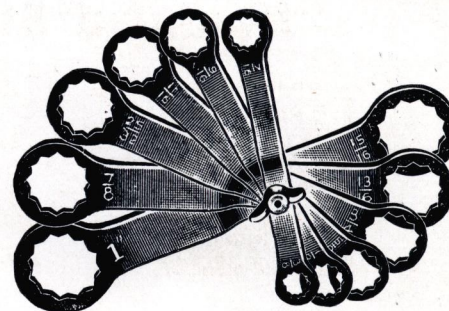
Flat Box End Wrenches

Made of high grade steel, hardened and tempered by our own process to stand hard wear. Finished in cadmium to resist rust.

No.	Length	Openings	Price Each
140	5"	$\frac{3}{8}$ " x $\frac{1}{16}$ "	\$0.07
141	5 $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{9}{16}$ "	.07
142	6"	$\frac{5}{8}$ " x $\frac{11}{16}$ "	.09
143	6 $\frac{1}{2}$ "	$\frac{3}{4}$ " x $\frac{25}{32}$ "	.09
144	7"	$\frac{13}{16}$ " x $\frac{7}{8}$ "	.13
145	7 $\frac{1}{2}$ "	$\frac{15}{16}$ " x 1"	.15

No. 147—Complete set of 6 wrenches described above fastened together with bolt and wing nut.....Price \$0.55

Weight 1 $\frac{1}{4}$ lbs. per Set



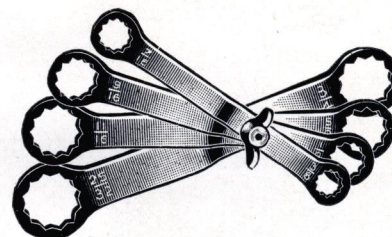
No. 147

No. 148 Flat Box End Wrench Set

Consists of four wrenches only, viz.: No. 140, 141, 142, and 143 listed above, fastened together with bolt and wing nut.

No. 148—Flat Box End Wrench Set.....Price \$0.31

Weight $\frac{1}{2}$ lb per Set



No. 148

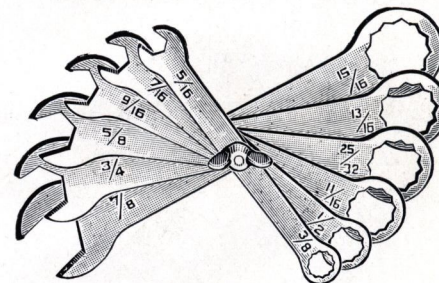
Combination Open End and Box End Wrenches

Stamped from a special grade of steel, hardened and tempered to obtain extreme toughness. Cadmium plated, rust resisting finish.

No.	Length	Openings	Price Each
150	5"	$\frac{5}{16}$ " x $\frac{3}{8}$ "	\$0.07
151	5 $\frac{1}{2}$ "	$\frac{7}{16}$ " x $\frac{1}{2}$ "	.07
152	6"	$\frac{9}{16}$ " x $\frac{11}{16}$ "	.09
153	6 $\frac{1}{2}$ "	$\frac{5}{8}$ " x $\frac{25}{32}$ "	.09
154	7"	$\frac{3}{4}$ " x $\frac{13}{16}$ "	.13
155	7 $\frac{1}{2}$ "	$\frac{7}{8}$ " x $\frac{15}{16}$ "	.15

No. 157—Complete set of 6 Wrenches described above fastened together with bolt and wing nut.....Price \$0.55

Weight 1 $\frac{1}{4}$ lbs. per Set



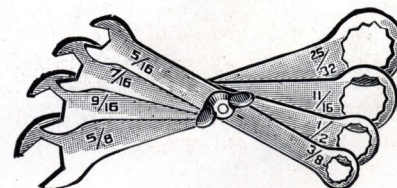
No. 157

No. 158 Combination Open End and Box End Wrench Set

Consists of four Wrenches only, viz.: Nos. 150, 151, 152 and 153 listed above, fastened together with bolt and wing nut.

No. 158—Open End and Box End Wrench Set.....Price \$0.31

Weight $\frac{1}{2}$ lb. per Set

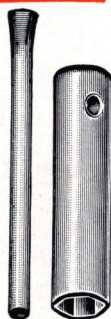


No. 158



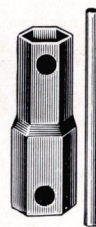
Tools FOR SERVICE

Spark Plug Wrenches



Single End

These cadmium plated drawn steel wrenches are recommended for their thin walls, strong construction and low cost. The list below covers wrenches for all popular types of spark plugs. In cartons with cross bar.

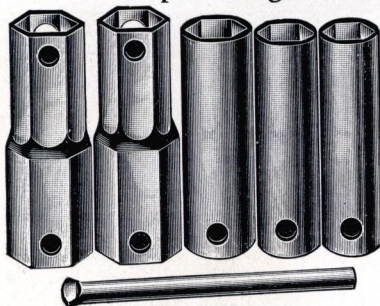


Double End

DOUBLE END			
No.	Openings	Hex. Spark Plug Sizes	Price
701	$\frac{3}{8}$ " x $\frac{3}{8}$ "	$\frac{5}{8}$ " (14mm.) and $\frac{7}{8}$ " (18mm.)	\$0.25
702	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{7}{8}$ " (18mm.) and 1" (18mm.)	.25
703	$\frac{1}{2}$ " x $\frac{1}{2}$ "	$\frac{7}{8}$ " and 1 $\frac{1}{8}$ "	.25
704	$\frac{1}{2}$ " x 1 $\frac{1}{8}$ "	$\frac{5}{8}$ " and 1 $\frac{1}{8}$ "	.25

SINGLE END			
No.	Wrench Opening	Spark Plug Hex. Size	Price
861	$\frac{3}{8}$ "	$\frac{5}{8}$ " (14 mm.)	\$0.25
862	$\frac{1}{2}$ "	$\frac{7}{8}$ " (18 mm.)	.25
864	1 $\frac{1}{8}$ "	1" (18 mm.)	.25

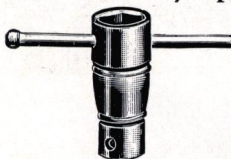
Spark Plug Wrench Set



A complete range of drawn steel Wrenches with Cross Bar. Set contains Nos. 703, 704, 861, 862 and 864.

No. 700-6F—
Spark Plug
Wrench Set
.....Price \$1.25
Weight 2 $\frac{1}{2}$ lbs.

Heavy Spark Plug Wrenches



Machined from solid bar steel stock, accurately broached to assure positive grip. Heat treated and hardened.

Weight $\frac{1}{2}$ lb.

No.	Wrench Openings	Hex. Spark Plug Sizes	Price
706	$\frac{3}{8}$ " x 1 $\frac{1}{8}$ "	$\frac{7}{8}$ " and 1"	\$0.40
705	$\frac{1}{2}$ " x 1 $\frac{1}{8}$ "	$\frac{5}{8}$ " and 1 $\frac{1}{8}$ "	.40

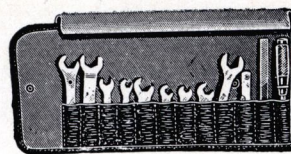
Spark Plug Adaptors



Spark plug adaptors afford a means of reducing the size spark plugs used on many older type motors to 14 mm. This permits faster cooling of the plug which automatically increases the efficiency of the motor. Furnished in three sizes only. Packed 1 doz. to carton. Nos. 55 and 57 with gasket.

No. 55—18 mm. to 14 mm.....Price \$0.16
No. 56— $\frac{1}{2}$ " to 14 mm.....Price \$0.16
No. 57— $\frac{7}{8}$ " to 14 mm.....Price \$0.16
Weight, per doz., 1 lb.

12 Piece Ignition Set



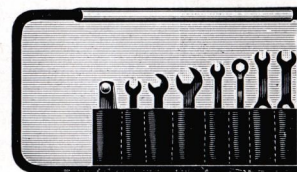
A compact twelve piece ignition set in heavy pantastote roll case. Consists of nine wrenches, a thickness gauge, file and "shock proof" screw driver.

No. 130-A—12 Piece
Ignition Set....Price \$0.65
Weight 6 oz.

8 Piece Ignition Set

Where a smaller set than the above is desired, we offer an 8 piece combination of seven wrenches and a thickness gauge in leatherette roll case.

No. AX8—8 Piece
Ignition Set....Price \$0.42



8 Piece Ignition Set



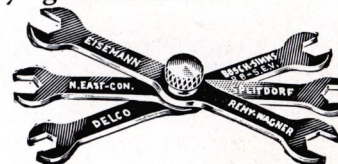
This set is very similar to that illustrated and described above, but omits one wrench and includes a mid-get shock proof screwdriver.

No. GM8—8 Piece
Ignition Set....Price \$0.54
Weight $\frac{1}{4}$ lb.

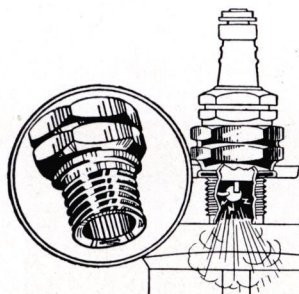
Handy Ignition Set

These three double end, heat treated, tempered and hardened wrenches are cadmium plated and held together with thumb screw and are marked for the systems they can be used upon. They fit Delco, Remy, Wagner, Eisemann, North-East, Connecticut, Splitdorf, Bosch, Simms, etc.

No. 137—Handy Ignition Set.....Price \$0.10
Weight, per doz., 1 lb.



Firing Cups

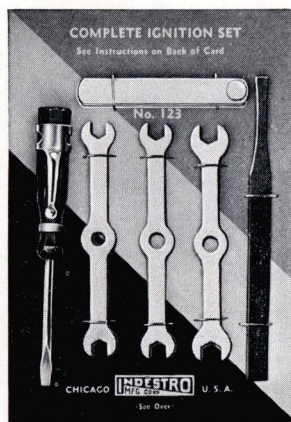


Firing cups used in connection with regular spark plugs will prevent the fouling of the plug in cylinders which are pumping oil. The firing cup forms an auxiliary firing chamber which not only keeps much of the oil and carbon off of the plug but also has a cleaning action.

Both the metric and $\frac{7}{8}$ " are furnished with gaskets. They are finished in "gun-barrel" black and are packed one dozen of one size in display carton with instructions for using.
No. 51—Metric Size Firing Cups.....Price Each \$0.20
No. 52— $\frac{1}{2}$ " Size Firing Cups.....Price Each \$0.20
No. 53— $\frac{7}{8}$ " Size Firing Cups.....Price Each \$0.20
Weight, per doz., 2 lbs.



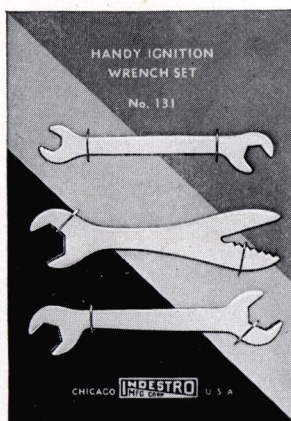
Ignition Tools and Handy Household Wrenches on Display Cards



A very handy assortment of tools used on ignition work. Consists of $\frac{1}{8}$ " x $1\frac{7}{8}$ " midjet screw driver with shock proof handle, ignition file, thickness gauge for spacing .006, .008, .010, .012, .021 and .025, and three stamped steel carefully hardened, cadmium plated ignition wrenches mounted on card as follows: Eisenmann and Remy-Wagner; Splitdorf, N. E. and Connecticut; Delco, Bosch-Simms, R. B. and S. E. V.

Back of card gives breaker point and spark plug openings for popular cars.

No. 123—6 Piece Ignition Tool Set on Card.....Price \$0.42
Weight $1\frac{3}{4}$ oz.



A three piece Wrench Set on display card. Very suitable for ignition work as well as many household uses. Consists of 3 popular sized and stamped steel, hardened and cadmium plated open end wrenches as follows: $\frac{1}{4}$ " x $\frac{5}{8}$ ", $\frac{3}{8}$ " x $\frac{7}{8}$ " and $\frac{1}{2}$ " with alligator jaw.

No. 131—3 Piece Wrench Set on Card....Price \$0.10

No. 131-S—3 Piece Wrench Set in Bag.....Price \$0.10
Weight 1 oz.

Spring Grip Alligator Wrench

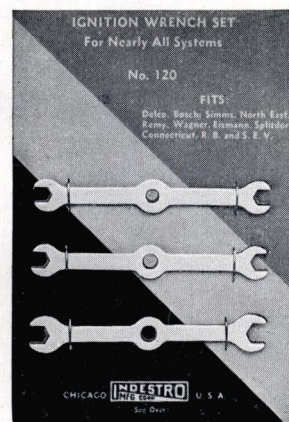
A most popular household wrench for general purpose use, refrigeration service, etc. Carefully hardened, cadmium plated and mounted on display card. Openings $\frac{1}{4}$ ", $\frac{1}{8}$ " and $\frac{3}{8}$ " hex., $\frac{1}{4}$ " square and alligator jaw to $\frac{5}{8}$ ".

No. 177—Universal Alligator Wrench.....Price \$0.14
Weight 25 lbs. per C



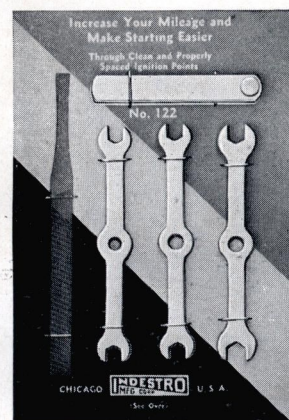
Three popular stamped steel, carefully hardened and cadmium plated ignition wrenches mounted on display card as follows: Eisenmann and Remy-Wagner; Splitdorf, N. E., and Connecticut; Delco, Bosch-Simms, R. B. and S. E. V. Back of card gives breaker point and spark plug openings for popular cars.

No. 120—3 Piece Ignition Tool Set on Card.....
Price \$0.10
Weight $1\frac{1}{2}$ oz.



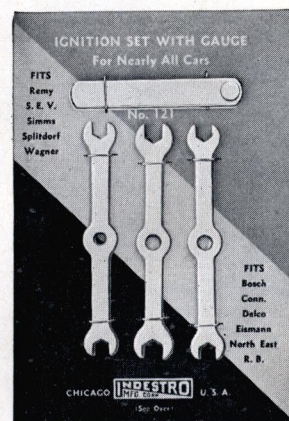
One of our most popular ignition sets which will fit 95% of the ignition systems now in use. Same assortment of wrenches as Set No. 120 with addition of thickness gauge described under No. 123 and mounted on same type of card.

No. 121—4 Piece Ignition Tool Set on Card.....
Price \$0.17
Weight $1\frac{1}{4}$ lbs.



A five piece ignition wrench set that will serve 95% of the ignition purposes. Same assortment as above with the addition of high grade ignition file. Back of card furnishes data for proper spacing of ignition points and spark plug gaps on popular cars.

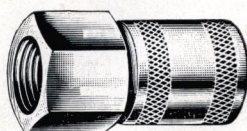
No. 122—5 Piece Ignition Tool Set on Card.....
Price \$0.30
Weight $1\frac{1}{4}$ oz.





Tools FOR SERVICE

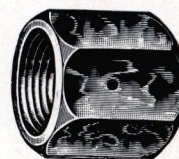
Standard Knockout Wheel Pullers



Accurately Machined—Heat Treated
Tempered-Hardened

Both our Standard Knock-Out and "Stubby" Knock-Out wheel pullers are accurately machined from special analysis steel, properly heat treated, tempered and hardened.

"Stubby" Knock-Outs



No.	Size	Weight	Price
20	5/8" x 18	10 ozs.	\$0.18
24	3/4" x 16	10 ozs.	.18
24C	3/4" x 20	10 ozs.	.18
26	13/16" x 16	10 ozs.	.18
28	7/8" x 14	10 ozs.	.18
28B	7/8" x 18	10 ozs.	.18
32	1" x 14	12 ozs.	.18
36	1 1/8" x 12	1 1/2 lbs.	.44
40	1 1/4" x 7	1 1/2 lbs.	.44
A40	1 1/4" x 12	1 1/2 lbs.	.44

Wheel Puller Display Assortment

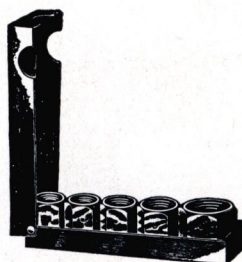


CONTENTS

Quantity	No.	Quantity	No.
10	20	3	28B
10	24	9	32
5	24C	7	36
5	26	3	40
7	28	4	A40

No. 63—63 Piece Wheel Puller Display Assortment.....
Price \$14.98
Weight 46 lbs.

No.	Size	Weight	Price
S-20	5/8" x 18	5 ozs.	\$0.14
S-24	3/4" x 16	5 ozs.	.14
S-28	7/8" x 14	5 ozs.	.14
S-32	1" x 14	5 ozs.	.14
S-A40	1 1/4" x 12	9 ozs.	.24



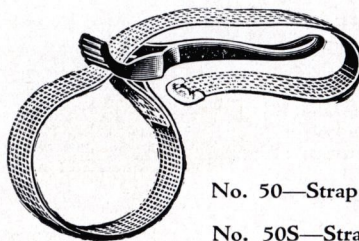
"Stubby" Knock-Out Wheel Puller Set

The "Stubby" Knock-Out Wheel Puller is made from special analysis steel which has been heat treated, tempered and hardened. There is a vent provided in each Wheel Puller so as to avoid trapping of air, oil or grease on the end of the axle thereby forming a cushion which would prevent the proper operation of the Wheel Puller. The metal box in which these five Wheel Pullers are contained is baked enamel finish and very compact and forms a very convenient as well as useful combination for mechanic's tool kit.

The set, as illustrated, contains the following five popular sizes of Wheel Pullers: 5/8" x 18, 3/4" x 16, 7/8" x 14, 1" x 14, 1 1/4" x 12. The first four mentioned sizes will fit practically 95% of all passenger cars and many of the light trucks while the last one fits the Model "AA" Ford Trucks, thereby giving a combination which will take care of nearly every car and many trucks.

No. SK5—Set of Five "Stubby" Knock-Out Wheel
Pullers in Metal Box.....Price \$0.96
Weight 2 1/2 lbs.

Strap Wrench



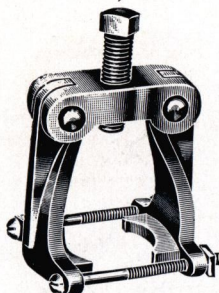
For removing hub caps, lamp rims, radiator caps, etc. Handle strong malleable iron, 9" overall, extra heavy woven strap 36" overall.

No. 50—Strap Wrench.....Price \$0.84
Weight 12 oz.
No. 50S—Strap only.....Price \$0.40



Wheel Pullers and Gear Pullers

Ford "A," "AA," "BB," and "V8" Wheel Puller—Heavy Duty Type



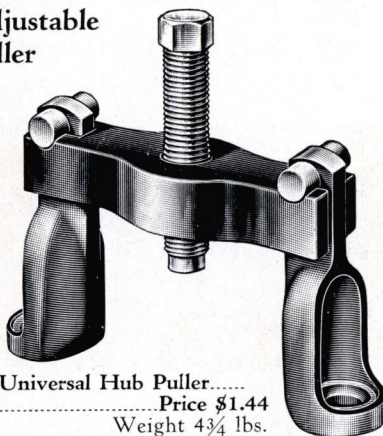
This closed or vise type wheel puller for Model "A," "AA," "B" and all "V8" Ford cars is a tool that will be appreciated by both the mechanic and car owner. Cannot slip off or damage threads. Heavy malleable body with large hardened pulling screws. Natural finish.

No. 691—Heavy Duty Ford Wheel Puller Price \$1.00
Weight 3 3/4 lbs.

Universal Adjustable Hub Puller

Two Prong Stud Type

For passenger cars and trucks having wheels with 4, 6 or 8 studs. Specially designed heavy malleable, iron construction with extra large pulling screw, heat treated, tempered and hardened steel. Baked enamel finish.



No. 258—2 Prong Universal Hub Puller..... Price \$1.44
Weight 4 3/4 lbs.

For Ford Passenger Cars and Trucks

A heavy malleable open type Wheel Puller with hardened steel screw that is especially designed for the different model Ford cars and trucks shown below. A very sturdy, satisfactory tool for the car owner or the mechanic. Natural finish. Note the four different models listed below and specify proper number.

No. 694—For 1929-31 Ford "A," "B," and all "V8" incl. 1936..... Price \$0.64

No. 695—For 1928 Ford "A"..... Price \$0.64

No. 696—For 1929 Ford "AA" Truck..... Price 1.00

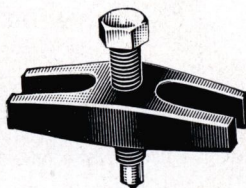
No. 697—For Ford "AA" 1930-31 and Ford "TT" Trucks, Pontiac 1927, Chevrolet 4, 1926-27-28, Wood, Wire and Disc Wheels, screw cap type, not illustrated..... Price \$1.00

Weight 2 lbs.

Gear Puller

A conventional open end type gear puller made from heavy malleable iron with hardened steel pulling screw. Slots enable adjustment of pulling studs from 2" to 4 1/2". A very convenient as well as necessary tool for timing gears, generators, etc. Body, baked enamel finish.

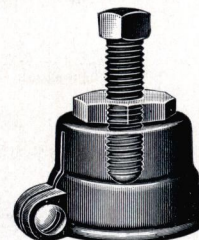
No. 251—Gear Puller..... Price \$0.72
Weight 2 lbs.



Chevrolet "4" Wheel Puller

This heavy malleable Wheel Puller screws on Chevrolet 1924-28 hubs and will also fit ALL FORD "T" TON TRUCKS UP TO AND INCLUDING 1928. Has split side with clamping bolt. The pulling screw is heavy and hardened. Natural finish.

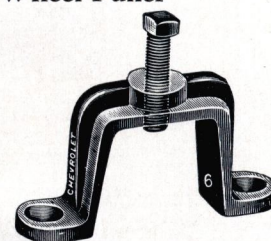
No. 693—Chevrolet "4" Wheel Puller Price \$0.72
Weight 1 1/2 lbs.



Chevrolet "6" Wheel Puller

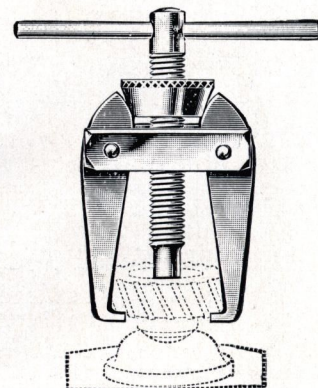
A yoke type Puller for all Chevrolet Six cars, both wire and disc wheels 1929-33. Very substantially made, yoke is malleable iron especially selected for its tensile strength, the set screw is extra large, heat treated, tempered and hardened steel. Fully guaranteed for both quality and service. Natural finish.

No. 692—Chevrolet "6" Wheel Puller..... Price \$0.80
Weight 2 1/2 lbs.



Gear Pullers

Every mechanic and shop should have these two positive grip Gear Pullers. The smaller one which has a maximum spread between points of 1 7/8" is especially good for battery terminals, small gears and bearings. The larger one has a maximum opening of 3 1/2". Heavy Rust Proof Plating.



No. 252—1 7/8" Gear Puller..... Price \$0.90
Weight 1 lb.

No. 253—3 1/2" Gear Puller..... Price \$1.32
Weight 2 lbs.

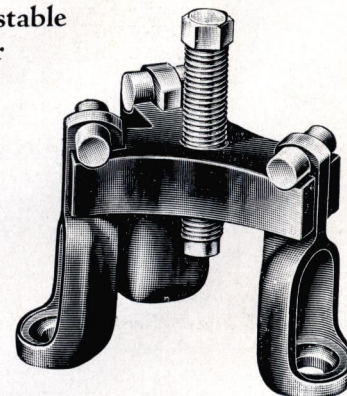
Universal Adjustable Hub Puller

Three Prong Stud Type

Similar to No. 258, however, having three prongs for wheels with five studs.

No. 259—3 Prong Universal Hub Puller Price \$1.62

Weight 7 lbs.





Tools FOR SERVICE

Tire and Rim Service Tools

Ring Tool



A very desirable tool for removing and replacing lock type ring on various types of wheels. Special Alloy Steel, heat treated, tempered, hardened, heavily plated. Length 15".

No. 1761—Ring Tool.....Price \$0.42
Weight 1½ lbs.

Side Ring Tool



This double end tool is designed for fast and easy removal of side rings on standard rims. Length of 20" allows powerful leverage. Drop forged from special Alloy Steel, heat treated, tempered, hardened, heavily plated.

No. 1762—Side Ring Tool.....Price \$0.75
Weight 1¼ lbs.

Rim and Tire Iron



This 20" tool has extra long leverage. Drop forged from special analysis steel, heat treated, tempered, hardened and plated. A very desirable tool for unlocking and locking split type rims.

No. 1755—Rim and Tire Iron.....Price \$0.54
Weight 1¾ lbs.

Rim and Tire Tool



This type tool is preferred by many for replacing and removing lock rings. Length 15½". Special analysis steel, heat treated, tempered, hardened and heavily plated.

No. 1760—Rim and Tire Tool.....Price \$0.42
Weight 1½ lbs.

Flat Spoon Type Tire Iron

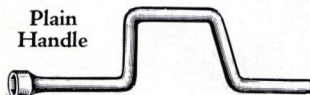


This pattern is furnished in both 18" and 23" lengths for passenger cars and trucks. On account of broad blades avoids damage and bruises to tire.

No. 1756—18" Flat Type Tire Iron.....Price \$0.66
Weight 2 lbs.

No. 1757—23" Flat Type Tire Iron.....Price \$0.84
Weight 2½ lbs.

Rim Wrenches



Heavy ½" Handles. Sockets forged extra deep from solid bar steel. 15½" long. Heavily nickel plated or black baked enamel.

Weight 1¼ lbs. each

Plated		Hex. Size	Enameled	
No.	Price		No.	Price
626	\$0.33	¾"	626B	\$0.30
627	.33	5/8"	627B	.30
628	.33	11/16"	628B	.30
629	.33	13/16"	629B	.30
654	.33	7/8"	654B	.30

Curved Spoon Type Tire Iron

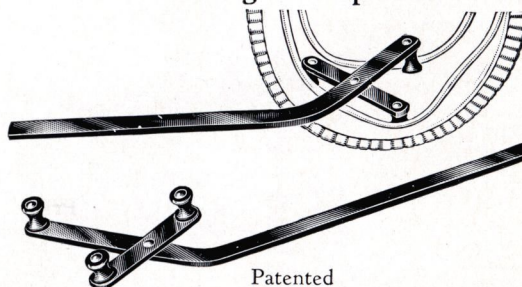


This type of iron is very similar to those shown at left and is used in connection with each other. The curved face when used with the straight face (No. 1756), makes a very desirable combination for removing and replacing tires. Two lengths 18" and 23". Special analysis steel, heat treated, tempered and heavily plated.

No. 1758—18" Curved Spoon Type Tire Iron.....Price \$0.69
Weight 2 lbs.

No. 1759—23" Curved Spoon Type Tire Iron.....Price \$0.87
Weight 2½ lbs.

Self Locking Tire Spreader



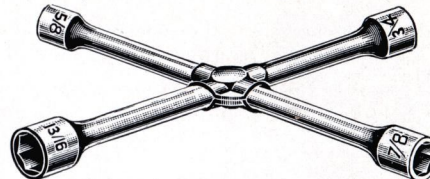
Patented

This Spreader will cover the full range of tire sizes and is self-locking. Movable cross arm automatically locks spreader into position when outside roller is brought at right angles which prevents annoyance and possible accident. Sturdily constructed, heavily plated.

No. 1750—Self Locking Tire Spreader.....Price \$1.38
Weight 3 lbs.

4-Way Rim Wrench

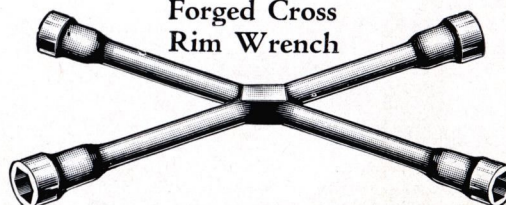
A sturdy Wrench with deep forged Sockets ¾", 5/8", 11/16", and 7/8". Will fit rim and hub bolts on nearly all cars. Furnished either plated or baked enameled.



No. 635—4-Way Rim Wrench, plated.....Price \$0.70

No. 635P—4-Way Rim Wrench, enameled.....Price \$0.64
Weight 2½ lbs.

Forged Cross Rim Wrench



This full forged Wrench, drop forged in one piece from special analysis carbon steel, is built for extreme service. Note special depth of all four sockets. Extra long arms will clear all fender obstruction on modern cars. Heavily plated, rust-proof finish. Socket sizes ¾", 5/8", 11/16" and 7/8". Length 13".

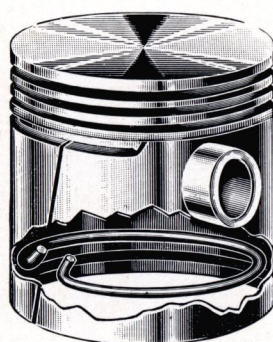
No. 454—Forged Cross Rim Wrench.....Price \$0.90
Weight 2½ lbs.

Tools FOR SERVICE



Piston Expanding Rings

For
Piston
Slap



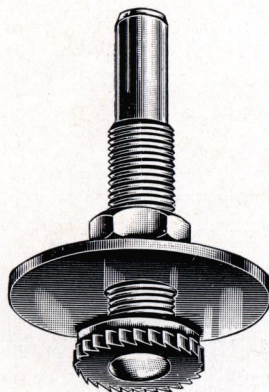
For Oil
Trouble

These rings are especially designed for expanding aluminum pistons so as to restore pistons to their original fit. When properly installed they help prevent oil pumping, piston slapping and maintain automatically a uniform piston clearance. When ordering rings, order by diameter of cylinder.

No.	For Cylinders	Price
2031A	2 5/8" to 2 11/16"	\$.07
2031B	1 13/16" to 2 3/4"	.07
2031C	2 15/16" to 2 7/8"	.07
2031D	3 1/16" to 3"	.07
2031E	3 3/16" to 3 1/8"	.07
2031F	3 5/16" to 3 1/4"	.07
2031G	3 7/16" to 3 3/8"	.07
2031H	3 9/16" to 3 1/2"	.07
2031I	3 11/16" to 3 5/8"	.07
2031J	3 3/4" to 3 11/16"	.07
2031K	3 7/8" to 4"	.07

All rings come packed 6 of one size to a carton with instructions for making installation. If in doubt as to size wanted, please give year and model of car which they are to fit. Weight, 8 oz. per set of 6.

Special Grooving Tool



No. 2030—Piston Grooving Tool.....Price \$0.70
Weight 1/2 lb.

While a few cars have slots on the inside of piston in which the rings described above may be inserted, yet most cars using aluminum pistons do not have this groove. The tool illustrated is especially designed to groove aluminum alloy pistons and is easily handled in an electric drill, drill press, or lathe. Note the method of quick and accurate adjustment of guide plate. The cutter is high grade tool steel with milled teeth insuring long service and accurate work.

Quick Action Valve Reseating Tools



This design of tool provides a positive, simple method of replacing the abrasive face with special discs so as to assure a sharp surface at all times. The novel double spring flexible drive permits use in the most difficult to reach locations. See illustration.

All heads listed below are interchangeable with all pilots and other fittings. Our No. 845 comes complete with 7/8" x 2 1/4", 45° head, 5 pilots, 5/8", 1 1/2", 3/8", 1/8", 3/32", pilot guide for Ford V8, and 25 discs. Includes proper size pilots for all popular cars including Ford "A," "B," and "V8."

With order for five or more sets one will be mounted on display card as illustrated if so requested.

No. 845—Flexible Shaft 45° Valve Reseating Set.....
Weight 2 lbs.....Price \$3.30

Heads and Accessories

No.	Description	Price
841	1 1/16" x 1 15/32"—45° Head	\$0.75
842	7/8" x 2 1/4"—45° Head	.75
843	1 1/8" x 2 5/8"—30° Head	.90
844	1" x 2 3/8"—60° Head	.90
849	1 5/16" x 1 9/16"—30° Head	.75
850	1 5/16" x 1 7/8"—30° Head	.75
845P10	5/16" Pilot Only	.24
845P11	11/32" Pilot Only	.24
845P12	3/8" Pilot Only	.24
845P14	7/16" Pilot Only	.24
845P19	1 1/32" Pilot Only	.24
845P21	21/64" Pilot Only	.24
845P25	25/64" Pilot Only	.24
845P33	1 1/32" Ford "V8" Pilot Guide	.30
846	Flexible Drive	.39
847	T Handle Drive	.24

(25 in box)		DISCS		(25 in box)
Head No.	Fine	Medium	Coarse	Price
841	841D25F	841D25M	841D25C	\$1.00
842*	842D25F	842D25M	842D25C	1.20
843*	842D25F	842D25M	842D25C	1.20
844	844D25F	844D25M	844D25C	1.62
849	849D25F	849D25M	849D25C	1.00
850	850D25F	850D25M	850D25C	1.00

*842 and 843 use same size.

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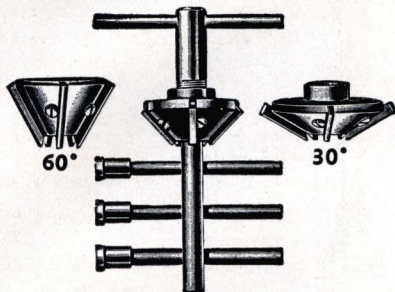
U. S. A.



Tools FOR SERVICE

Complete Valve Reseating Set 30°—45°—60° Heads

This complete tool has three 5-Blade high speed steel cutting heads and will reface 30°, 45° and 60° valve seats. The 5-Blade construction makes a seat so nearly perfect as to require very little grinding. Over 95% of cars use 45° valve



seats. The 30° and 60° heads make it possible to narrow the regular seats. Set includes $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ " and $\frac{1}{2}$ " pilots which fit practically all cars including Model "A" Ford. All parts interchangeable.

No. 827—Set of 1 each 30°, 45° and 60° heads, 4 pilots and T Handle.....Price \$3.20
Weight 2 lbs.

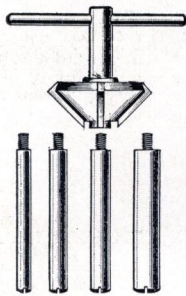
No. 832—60° Head only.....Price \$1.20

No. 833—30° Head only.....Price 1.20
Weight $\frac{1}{2}$ lb.

Valve Seat Narrowing Set

Many times it is advisable to narrow the valve seat so as to properly fit and grind valves. This is easily accomplished with the two heads, mentioned above, and used with the handle and pilots furnished with our No. 827.

No. 834—Set of two heads, 30° and 60°.....Price \$2.00
Weight 1 lb.



Valve Reseater

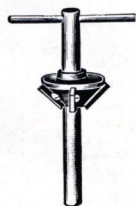
The five blades of tungsten steel are fastened into the head securely by a new method. This reseater will do the work as efficiently as the higher priced tools and simplifies valve grinding. Four pilots $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", and $\frac{1}{2}$ ", will fit nearly every car.

No. 830—5 Blade Valve Reseater.....Price \$1.00
Weight $\frac{1}{4}$ lbs.

Chevrolet Valve Reseater

For both 4 and 6 cylinder models Chevrolet. Head has five high speed steel cutting blades which are accurately ground after assembling. Speeds up valve grinding and a very necessary tool when seat is pitted.

No. 831—Valve Reseating Tool for Chevrolet 4's and 6's.....Price \$1.02
Weight $\frac{3}{4}$ lb.



Ford "A" Valve Reseater

45° Five blade head with $\frac{1}{2}$ " pilot only for use on Ford "A" cars.

No. 828—Ford "A" Valve Reseater.....Price \$1.20
Weight $\frac{3}{4}$ lb.

Universal Valve Reseater

45° Cutting Head only with handle and four interchangeable pilots, size $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", and $\frac{1}{2}$ ". A universal type valve reseating tool that will fit any valve up to and including $2\frac{1}{4}$ ".

No. 829—Universal Valve Reseater.....Price \$1.30
Weight $1\frac{1}{4}$ lbs.

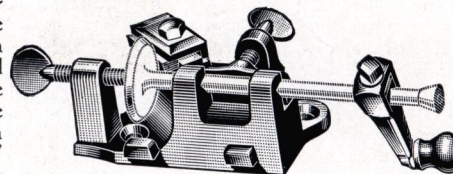
Pilot Guide for Ford "V8"

This pilot guide will fit any of the valve reseaters on this page, $1\frac{1}{2}$ " in diameter.

No. 845P33— $1\frac{1}{2}$ " "V8" Pilot Guide, only.....Price \$0.30
Weight $\frac{1}{4}$ lb.

Universal Valve Refacer

This valve refacing lathe with high speed steel cutting blade will reface valves from $1\frac{1}{2}$ " to $2\frac{1}{2}$ " in diameter accurately as well as efficiently. Makes valve grinding easy.



No. 835—Valve Refacer.....Price \$1.20
Weight $1\frac{3}{4}$ lbs.

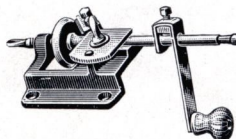
Adjustable Valve Refacer

The same Valve Refacer as described above, however, with adjustable cutting blade to take care of both 45° as well as 30° Valves.

No. 840—Adjustable Valve Refacer.....Price \$1.40

Valve Refacing Lathe—

Bench Type



The cutting tool is of high speed special steel mounted securely at the proper angle to reface all size valves. It is easily removed for sharpening or replacing at a small cost after long, hard service.

Easily mounted on bench.

No. 836—Valve Refacing Lathe.....Price \$1.20
Weight $1\frac{3}{4}$ lbs.

Ford Valve Refacer

Same as above, however, especially designed to take care of Ford Valves.

No. 837—Ford Valve Refacer.....Price \$1.15

Valve Bushing Punch

Designed for driving out valve stem bushings on Ford cars. Made of special analysis steel, heat treated and hardened.

Weight $\frac{1}{2}$ lb.

No. 2021-AB—Valve Bushing Punch for Model "A" and "B" Fords.....Price \$0.28

No. 2021-V8—Valve Bushing Punch for "V8-18" and "V8-40" Fords.....Price \$0.28



Ford "V8" Valve Tool



This tool is designed to be used with the later model "V8" as well as the earlier model. The lug on one end makes it especially convenient when compressing valve spring for removing or inserting the bushing locking key in the late models.

No. 2192—"V8" Valve Tool.....Price \$0.66
Weight 2 lbs.

Generator Brush Wrench

An extremely popular wrench with $\frac{3}{16}$ " and $\frac{1}{8}$ " openings for generator brush adjustment. Case hardened and tempered.



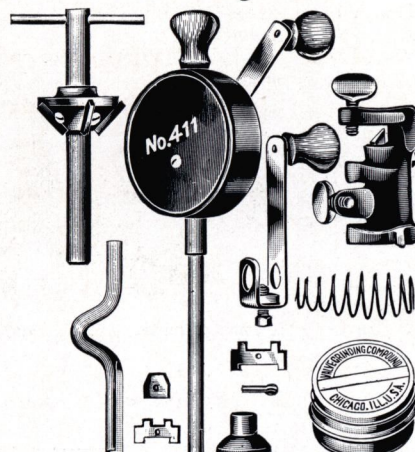
No. 175—Generator Brush Wrench.....Price \$0.12
Weight per doz. $\frac{1}{4}$ lb.

Tools FOR SERVICE



Complete Valve Grinding Outfit

Complete Valve Grinding Set for Ford "A", "AA", "B", "BB" and many other popular cars, consists of special Valve Reseater, Valve Refacer, 411 Valve Grinder, Four Ounce Double Can Valve Grinding Compound, Bushing Remover and Spring as described below.

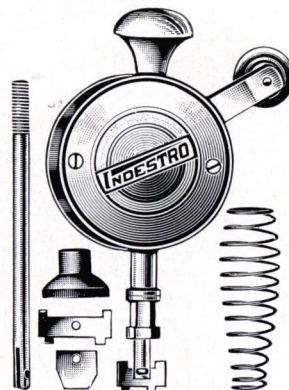


No. 826—Valve Grinding Set Complete.....Price \$3.80
Weight 4½ lbs.

Ball Bearing Valve Grinder

Advancing Type

Here is a high grade ball bearing Valve Grinder of the advancing and reciprocating type that has three blades, rubber vacuum cup and a 5-inch extension. A fast acting comfortable handling tool that any mechanic will appreciate.



No. 808—Ball Bearing Valve GrinderPrice \$1.20
Weight 1¼ lbs.

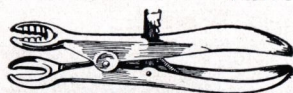
Reciprocating Type Grinder

A new moderately priced Valve Grinder that is very simple but efficient and easy to operate. A thoroughly practical Valve Grinder for the man who does his own overhauling as well as a satisfactory Valve Grinder for the mechanic. Equipped with three steel blades to fit all valves, a special rubber vacuum cup for use with Ford Valves as well as others, having smooth tops and valve grinding spring. Valve grinding spring is also included. This grinder is an exceptional value. Baked red enamel finish.



No. 411—Valve GrinderPrice \$0.80

Valve Lifter



The Indestro Valve Lifter is made entirely of steel, heavily plated. Nothing to get out of order; non-slipping; wide spread of jaws. Will fit Ford "A" and many other cars. Nickel finish.

No. 2015Price \$0.25
1 Dozen to a Carton Weight 7 lbs.

Rubber Cup Valve Grinder

No. 809



The rubber vacuum cup type Valve Grinder is quite convenient on nearly all types of valves and quite necessary on some types. Cup is made from live rubber and handle is enameled hardwood.

No. 809—14" Vacuum Cup GrinderPrice \$0.13
12 to the Carton Shipping wt. 1½ lbs.

No. 806—7½" Vacuum Cup GrinderPrice \$0.08
12 to the Carton Shipping wt. 1 lb.

No. 805—Rubber Vacuum Cup only.....Price \$0.07

No. 806



Brace Type Valve Grinder

Solid steel rod, 6" swing. Special hardened steel swivel, adjustable to fit any valve. Revolving head; finely plated.

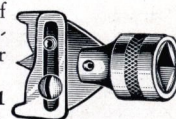


No. 636—10" Valve Grinder.....Price \$0.28
1 doz. to a Carton Weight 7 lbs.

No. 637—15" Valve Grinder.....Price \$0.36
1 doz. to a Carton Weight 9 lbs.

Valve Grinder Attachment

For use on all makes of cars. Made of steel, hardened and tempered, special mottled finish, for use with square head speeder wrench or L handles.



No. 642.....Price \$0.21
Weight 3 oz.

Bit Valve Grinder

For use in brace. Blade is adjustable so as to fit nearly any valve.



No. 802—Bit Valve Grinder.....Price \$0.16
12 to the Carton Weight 1½ lbs. carton

Ford "A", "B" and "V8" Valve Guide and Spring

This ingenious device solves the problem for a valve guide as well as relief spring when grinding valves on Ford Cars. One style is for models "A" and "B" while the other style is for all "V8."

No. 2025AB—Guide for Ford "A" and "B"Price \$0.60

No. 2025V8—Guide for Ford "V8"Price .60
Weight ¼ lb.



Spring for Valve Grinding

A cone shaped spring for putting under valves when grinding. Just the right tension and temper.

No. 807—Valve Grinding Spring.....Price \$0.02
100 to Carton Weight 1 lb.



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Tools FOR SERVICE

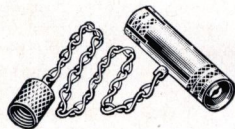


Tire Valve Tools

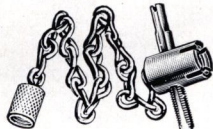
Here is one of the most convenient and fastest selling tire valve tools on the market. The body is attractively rust proof plated while the tap and core remover is contrastingly color hardened. Very indispensable for removing valve cores, deflating tires, or re-threading and retapping valve stems. Furnished on individual card or one dozen to attractive display card.

- No. 800—Single Tire Valve Tool on Card.....Price \$0.12
Weight 1 oz.
- No. 800-C12—12 Tire Valve Tools on Display Card.....
Price \$1.44
Weight ½ lb.

Tire Valve Pull-Out Tools



No. 250



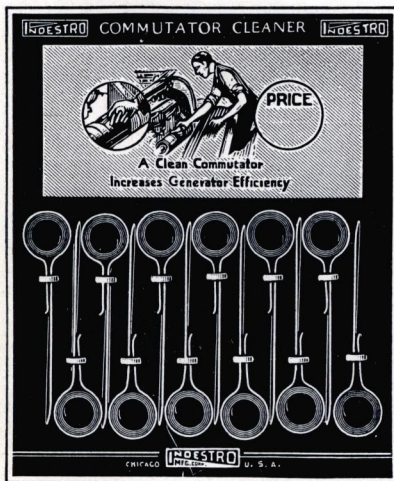
No. 249

No. 250 is a three purpose Tire Valve Tool and very popular and ready seller among tire dealers and service stations. Combines the features of a Valve Core Remover, Tire Deflator and Tire Valve Pull-Out Tool.

- No. 250—Box of 25 Tire Valve Pull-Out Tools..Price \$7.50
Weight 3¼ lbs.

This tool combines the ever popular No. 800 Tire Valve Tool described above with the tire valve pull out feature. Has valve core remover and rethreader as well as rethreader for the valve stem.

- No. 249—Box of 25 Tire Valve Pull-Out Tools..Price \$6.25
Weight 3 lbs.



To increase efficiency of generators and starters, the commutators need frequent cleaning to maintain the proper contact with the brushes. Our Commutator Cleaner does this job easily and thoroughly. The cadmium plated metal handle holds 36 inches of sandpaper and is provided with a convenient lock so a small portion can be replaced when a new surface is required. Mounted 12 on two color display card.

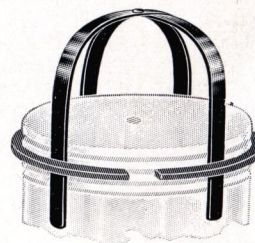
- No. 75-C12—Card of 12 Commutator Cleaners.....Price \$4.80
Weight 2 lbs.

REFILLS FOR COMMUTATOR CLEANERS

- No. 76—Carton 24 Refills of Rolls with 36 inches of sandpaper and with instructions for usePrice \$1.20
Weight 1 lb.

Piston Ring Skids

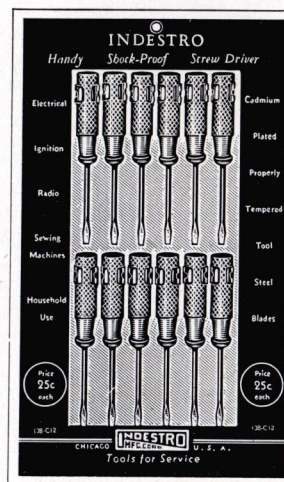
These handy, yet inexpensive tools, made of light gauge spring steel are necessary for installation of piston rings. Avoid piston ring breakage and reduce installation costs.



- No. 161—Piston Ring Skid.....Price \$0.12
- No. 161-C12—Card of 12 Piston Ring Skids.....Price \$1.44
Weight 5 oz.

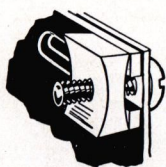
Pocket Screw Drivers

Both in the work shop as well as in the household there is hardly a tool which compares in popularity with a handy and dependable screw driver. Transparent red, shock-proof handle, ⅛" x 1⅞" tool steel blade and pocket clip for work on ignition systems, radios, lamp sockets, sewing machines, electric irons, etc. Bright cadmium plated, rust proof finish on blades. To retail for 25c. One dozen screw drivers mounted on attractive, two-color display card.



- No. 138-C12—Card of 12 Screw Drivers.....Price \$2.70
Weight ½ lb.

Tools FOR SERVICE



Locking License Plate Bolts

Large headed bolts with patented nut that locks. They require no washers. Cadmium plated rust proof. Furnished 100 bolts and nuts to the box or in sets of four mounted on display card.

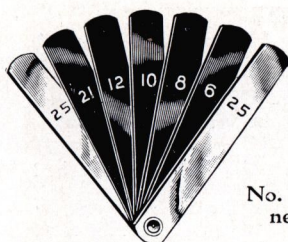
No. 243—Self Locking License Plate Bolts 100 to the box Per 100 \$2.20
Weight 2½ lbs.

No. 244—Display Card of 4 License Plate Bolts..... Per Card \$0.12
Weight 1 oz.

Door Prop

This ingenious device will hold the garage doors open firmly under any conditions. It is easily operated with the foot alone.

No. 799—Pair with Screws.....Price \$0.45
Weight 1 lb.

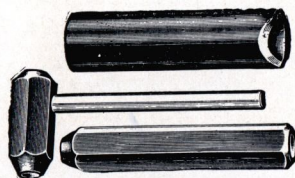


Thickness Gauge

Gauge made from special spring steel stock with thicknesses .025, .021, .012, .010, .08, .06. All plainly marked on outside leaf, mounted 12 on display card.

No. 167—C12 Card of 12 Thickness GaugesPrice \$1.40
Weight ½ lb.

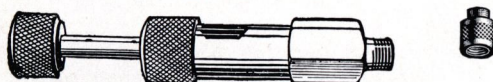
Tool Set for Replacing Brake Drums on Ford "A," "B," and "V8"



These three tools together with a vise and hammer are all the tools necessary to replace Ford "A," "B," "V8-18," and "V8-40" Brake Drums. They consist of solid punch, peening punch and hollow anvil to hold in vise for driving out rivets.

No. 880—Set Complete.....Price \$1.70
Weight 4½ lbs.

Grease Ram



The Indestro Grease Ram is made to do the work that heretofore required a high priced machine. It forces the grease through car joints that the ordinary gun will not open. Made of high grade steel, and will withstand long and hard usage. One size for all cars. Simply remove Oiler or fitting from spring bolt, screw on the filled grease ram and strike with a hammer. Fitted with special nose for Zerk fittings.

No. 725—Grease Ram.....Price \$0.51
Weight 9 oz.

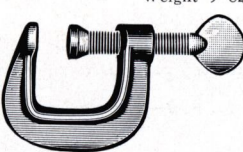
In No. 724 we offer a good grease ram which is not as high quality as one above that can be sold at a price. Has round knurled body as nose attachment for Zerk fittings.

No. 724—Grease Ram.....Price \$0.34
Weight 4 oz.

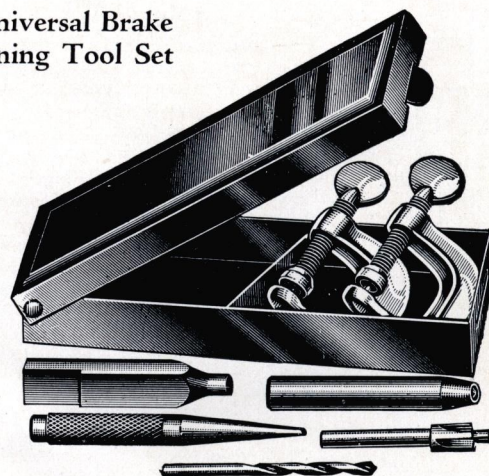
1 Inch Clamp

This heavy malleable iron clamp with 1" opening is particularly handy for use in relining brake bands and shoes. Also a very useful household item. Swivel washer permits easy turning. Cadmium plated finish.

No. 803—1" Clamp.....Price \$0.16



Universal Brake Lining Tool Set



A compact Set of essential tools for relining brake shoes and bands. Consists of center punch for removing old rivets, two 1" C-clamps for holding lining in place, ⅜" drill for moulded or woven lining, ⅜" countersink, anvil for holding in vise and riveting punch for curling tubular rivets. All tools heat treated and hardened. Packed in attractive, baked enamel steel box.

No. 821—Universal Brake Lining Tool Outfit.....Price \$1.20
Weight 14 oz.

Brake Lining Tool Sets

Consists of Anvil, Riveting Punch, Countersink and Drill. Convenient for the car owner who applies his own brake lining.



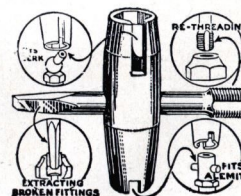
No. 820—Brake Lining Tool Set in Fiber Box.....Price \$0.60
Weight ½ lb.

Two piece Set with Anvil and Riveting Punch only for use with brake linings that come drilled and countersunk.

No. 822—Two Piece Brake Lining Set.....Price \$0.25
Weight 6 oz.

Tool for Alemite-Zerk Fittings

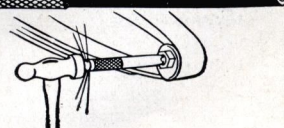
A handy tool for removing or replacing grease and oil fittings; particularly Alemite and Zerk. Equipped with tool steel tap and extractor for rethreading damaged or worn threads, or removing broken fittings. Properly tempered, hardened and plated. Packed in individual carton.



No. 723—Tool for Alemite and Zerk Fittings.....Price \$0.39
Weight ¼ lb.

Driving Punch for Grease Fittings

A very essential tool for inserting such grease fittings which are not the screw type. Opening at the end of the punch fits accurately over the nipple of the grease fitting. Made of Chrome Vanadium Steel, heat treated and hardened.

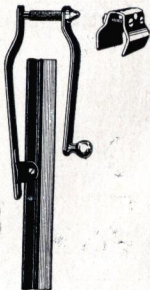


No. 2026—Driving Punch for Grease Fittings.....Price \$0.30
Weight ¼ lb.



Tools FOR SERVICE

Stampco Windshield Wiper

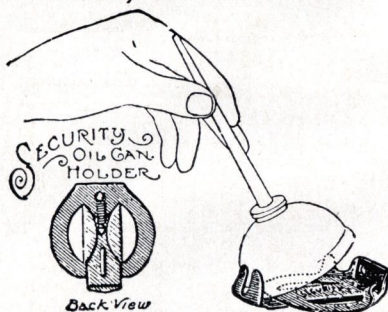


The main bar of this Wiper as well as other parts are of extra heavy construction and insures steady, even pressure against the glass at all times. A sturdy brass bushing is furnished for closed type cars and a suitable clamp, cadmium plated, is furnished for all open type cars and can be easily attached to either type.

No. 90—Stampco Windshield Wiper with bracket for open cars.....Price \$0.36

No. 91—Stampco Windshield Wiper for closed cars only.....Price \$0.30

Security Oil Can Holder

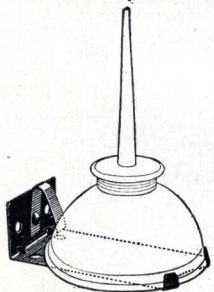


For Auto, Truck, Tractor and Industrial equipment. These holders are made of heavy 18 gauge steel, baked japan finish. Will hold cans from 3" to 3½" base diameter.

No. 60—Security Oil Can Holder.....Each \$0.15

No. 61—Same as above, except it fastens under bolt head or nutPrice, each \$0.15
Weight, Ea., 1 oz.

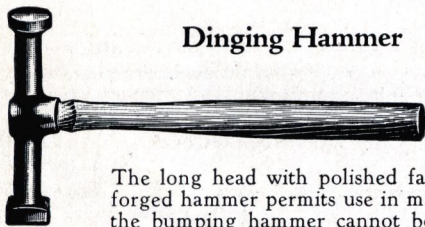
Popular Priced Oil Can Holder



This inexpensive Oil Can Holder designed to use on cowl or other upright surface, will hold 3" or 3½" diameter oil cans.

No. 62—Oil Can Holder.....Price \$0.10
Weight 1 oz.

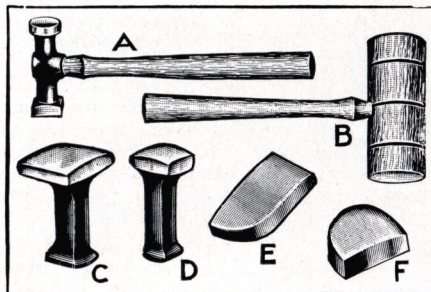
Dinging Hammer



The long head with polished faces on this drop forged hammer permits use in many places where the bumping hammer cannot be used.

No. 952—Dinging Hammer, 13 oz.....Price \$1.20
Weight 1 lb.

Fender and Body Repair Tools



These moderately priced fender repair tools will appeal both to the mechanic as well as car owner who does his own repairing.

No. 951 (A)—Drop Forged 10 oz. Bumping Hammer with select hickory handle.....Price \$1.02

No. 950(A)—13 oz. Bumping Hammer with select hickory handlePrice \$1.02

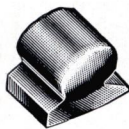
No. 954 (B)—Hickory Mallet. Useful on fenders or other painted surface where metal hammers should not be usedPrice \$0.60
Weight 1 lb.

No. 957 (D)—Small Double End Hand Dolly with two working surfaces.....Price \$0.54
Weight 1¼ lbs.

No. 958 (C)—Large Double End Hand Dolly with two surfaces similar to above, but larger.....Price \$0.84
Weight 2½ lbs.

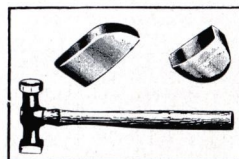
No. 955 (E)—Flat or Toe Dolly can be used in various corners or angles.....Price \$0.84
Weight 2½ lbs.

No. 960 (F)—Heel Dolly with oval and flat faces for both corner and flat work.....Price \$0.78
Weight 2 lbs.



No. 956—Utility Dolly with special shapes for fenders, doors, and panel workPrice \$1.02
Weight 2½ lbs.

Fender Repair Set



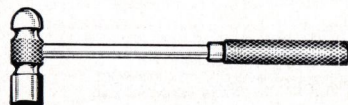
This handy repair set consists of three pieces, Hammer No. 950, Toe Dolly No. 955, and Heel Dolly No. 960, described above, packed in substantial carton.

No. 990—Repair Set.....Price \$2.40
Weight 6 lbs.

Tools FOR SERVICE



Small Ball Pein Hammers



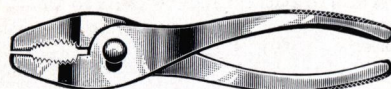
A small Ball Pein or Machinist's Hammer for light or small work, used for light assembly work, household purposes, in candy stores, and many other purposes. Head is turned from solid steel bar. Steel handle, knurled, fitted tight in head; cannot come loose. Cadmium plated, rust proof. Well balanced. Three sizes and weights.

No. 1500—Length head, $1\frac{7}{8}$ "; length over all, $7\frac{1}{2}$ ";
Price \$0.15
Weight 6 oz.

No. 1502—Length head, $2\frac{3}{8}$ "; length over all, $8\frac{1}{2}$ ";
Price \$0.19
Weight 9 oz.

No. 1504—Length head, $2\frac{1}{2}$ "; length over all, $8\frac{1}{2}$ ";
Price \$0.23
Weight 10 oz.

Steel Pliers and Wire Cutters



Indestro Flat Nose Slip-Joint Steel Pliers are stamped from a special grade of steel, hardened to stand rough usage and will give long service. Just the item that you have been looking for; cheap in price but not in quality. Packed one dozen in carton; one gross to shipping case. Finished in cadmium plate rust resisting.

No. 3500—Steel PliersPrice \$0.18

Steel Plumb Bob



This accurately milled from bar steel plumb bob is well balanced and will satisfactorily fill the general purpose for which it is intended. Nickel plated.

No. 219—Plumb BobPrice \$0.11
Weight $\frac{1}{2}$ lb.

Hollow Head Set Screw Wrenches

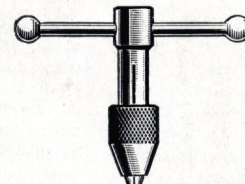


This short type Wrench for use with Allen type and similar set screws comes packed 25 to the box.

No.	Hex. Size	Set Screw	Cap Sxrew	Strip-per Bolt	Pipe Plug	Price
204	$\frac{1}{8}$ "	$\frac{1}{4}$ "	No. 8			\$0.04
205	$\frac{5}{32}$ "	$\frac{5}{16}$ "	{No. 10}			.05
206	$\frac{3}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{8}$ "	.06
207	$\frac{7}{32}$ "	$\frac{7}{16}$ "	$\frac{5}{16}$ "			.07
208	$\frac{1}{4}$ "	$\frac{1}{2}$ "		$\frac{1}{2}$ "	$\frac{1}{4}$ "	.08
210	$\frac{5}{16}$ "	$\frac{5}{8}$ "	{ $\frac{3}{8}$ "}	$\frac{5}{8}$ "	$\frac{3}{8}$ "	.09
			$\frac{7}{16}$ "			

Slide Handle Tap Wrenches

This tool is designed for holding taps, reamers, small drills or other small tools. Knurled chuck shell, sliding handle. Nickel plated and a finished tool in every respect.

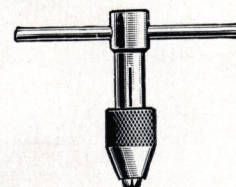


Weight 2 oz., 4 oz., and 8 oz.

No.	Tap Size	Length of Handle	Price Each
211	6-32, 8-32, 10-32	$3\frac{1}{2}$ "	\$0.20
212	$\frac{1}{4}$ "	$4\frac{1}{4}$ "	.24
213	$\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ "	5"	.33

T-Handle Tap Wrenches

These are a good quality tool very similar to those illustrated and described above. They have a solid handle cross bar and are in natural steel finish.

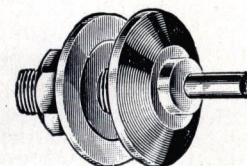


Weight 2 oz., 4 oz., and 8 oz.

No.	Tap Size	Length of Handle	Price Each
211B	6-32, 8-32, 10-32	$3\frac{1}{2}$ "	\$0.15
212B	$\frac{1}{4}$ "	$4\frac{1}{4}$ "	.18
213B	$\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ "	5"	.24

Arbor for Electric Drill

For any Heavy Duty Electric Drill with capacity of $\frac{1}{4}$ " or over. For cutting wheels, wire brushes, etc., not over 4" in diameter. Very handy to grind down or polish in restricted places.



No. 1559—Electric Drill Arbor.....Price \$0.36
Weight 8 oz.

Keyless Drill Chucks



These high grade 3-jaw self-tightening keyless chucks are tapped for $\frac{1}{2}$ "-24 thread shaft and have hardened, well machined jaws. Each chuck has hardened insert plate to prevent jaws from grabbing on to shaft end. For Motor Arbors or flexible shafts.

No. 224— $\frac{1}{4}$ " Capacity 3-Jaw Keyless Chuck.....Price \$0.38
Weight 4 oz.

No. 225— $\frac{3}{8}$ " Capacity 3-Jaw Keyless Chuck.....Price \$0.66
Weight 8 oz.

No. 226— $\frac{1}{2}$ " Capacity 3-Jaw Keyless Chuck.....Price \$0.84
Weight 10 oz.



Tools FOR SERVICE

Super Quality Battery Pliers

These drop forged Chrome Vanadium Steel Pliers are designed to provide positive gripping of badly corroded or mutilated battery terminal nuts. The convenient angle of the jaws as well as the shape makes it possible to use these pliers in many positions that are inaccessible to many tools. Triple plated satin finish with highly polished nose, length 8".



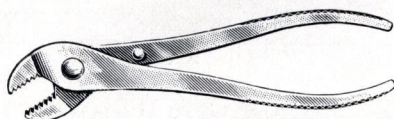
No. 3415—Chrome Van. Steel Battery Pliers.....Price \$0.90
Weight ½ lb.

Manganese Steel Battery Pliers

To meet the demand for a moderately priced Plier, one similar to the one illustrated and described above has been made from Carbon Manganese Steel. This is a very good Plier, heavily plated and at the price represents an excellent value.

No. 3416—Manganese Steel Battery Plier.....Price \$0.50
Weight ½ lb.

Special Battery Pliers



This special hardened steel Battery Plier is in demand by every service man. The special shaped handle and nose make it most convenient for battery work.

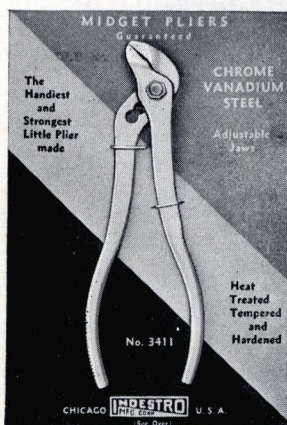
No. 3516—Battery Plier.....Price \$0.36
Weight ½ lb.

Super Quality Ignition Pliers

This drop forged Chrome Vanadium Steel Plier is 4½" long, adjustable in four positions from closed jaws to an opening range up to ⅝". Attractive satin nickel finish.



No. 3410—Midget Ignition Pliers.....Price \$0.70
Weight 1 oz.

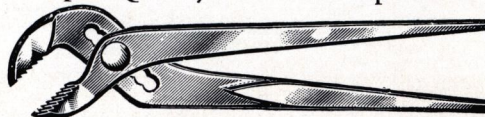


Midget Utility Plier

This Chrome Vanadium Steel Midget Utility Plier with four adjustments up to ⅝" takes care of the requirements for those hard-to-get-at places nearly impossible to reach with any other tool. Each Plier mounted on an attractively colored card as illustrated. Packed 25 Pliers to the carton.

Packed 25 to Carton.
No. 3411—Midget Ignition PlierPrice \$0.36
Weight 2 lbs.

Super Quality Water Pump Pliers



Built for long, dependable service to give the mechanic a wealth of satisfaction for all around uses. While the head and jaws are especially designed for adjusting water pump packing nuts, these pliers are most useful in other tight places as general utility pliers. Drop forged Chrome Vanadium Steel. The parallel thin jaws are adjustable in eight positions from closed to an opening of 1¾". Handsome duplex satin finish with polished nose.

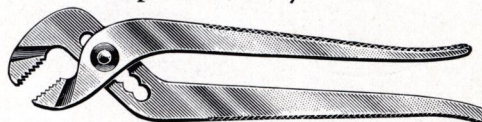
No. 3400—Water Pump Pliers.....Price \$1.00
Weight 9 oz.

Manganese Steel Water Pump Pliers

This Plier is similar to the above except that it has five adjustments and made from Carbon Manganese Steel. This Plier represents an excellent value in a moderately priced tool.

No. 3403—Mang. Steel Water Pump Plier.....Price \$0.55
Weight 10 oz.

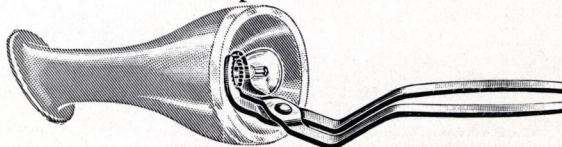
Special Utility Pliers



Here is one of the most popular Pliers on the market and will increase your volume of sales materially. While very popular for use on water pump packing nuts, this Plier has gained a wide demand for general utility purposes and often serves as an adjustable alligator wrench for ordinary light work. The jaws are broached in such a manner that the teeth take hold on either a push or pull motion. Handles are formed to provide a comfortable grip and are knurled to prevent slipping from the hand. Scientifically hardened to withstand rough usage and rust proof plated, with seven adjustments, from closed to an opening of 1½".

No. 3501—Special Hardened Steel Utility and Water Pump PliersPrice \$0.36
Weight ½ lb.

Lamp Bulb Plier



The new type head lamps, tail lights and spot lights, together with the new type bulbs, require a tool of this type which has been especially designed for removing and inserting lamp bulbs. This tool will meet the exacting requirements of the mechanic as well as the car-owner.

No. 3502—Lamp Bulb Pliers.....Price \$0.45
Weight ¼ lb.

Cotter Pin Tool

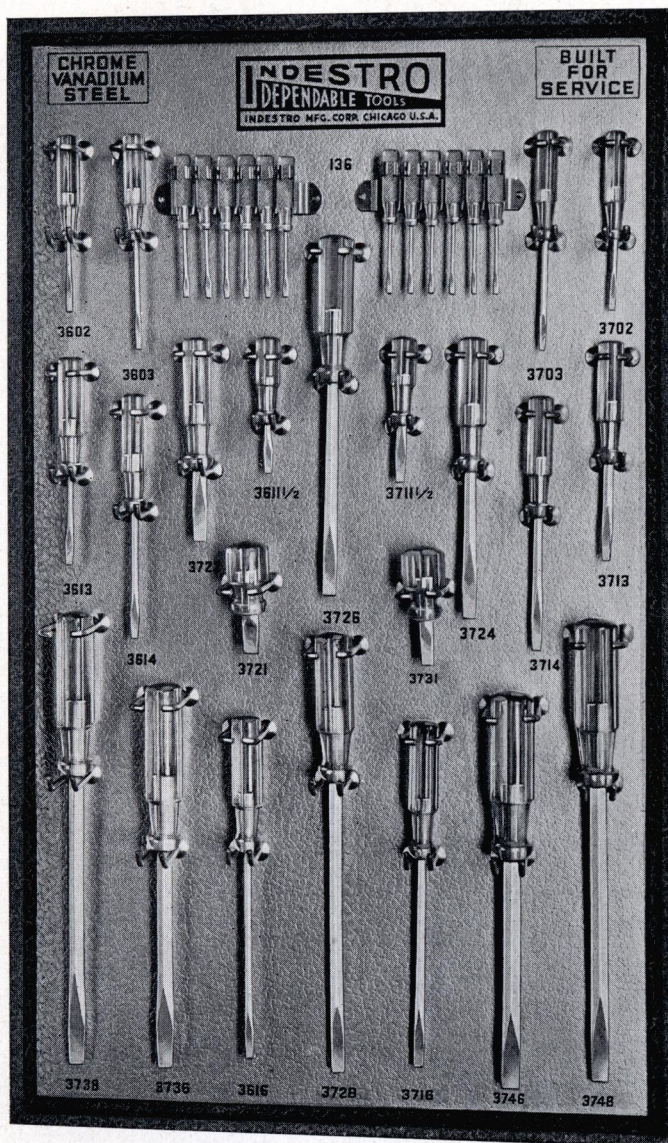
For removing and spreading cotter pins. Also useful for packing water pumps. Made from ⅝" square stock, one end pointed, the other end flat. Rust proof plated.

No. 801—Cotter Pin Tool.....Price \$0.16
Weight 2 oz.



Super Quality Screw Driver Display Board

Transparent Shock-Proof Handles—Chrome Vanadium Steel Blades



Contents

ROUND BLADES

Quan.	No.	Size	Price
24	136	$\frac{1}{8}$ "x1 $\frac{7}{8}$ "	\$0.22 $\frac{1}{2}$
2	3602	$\frac{1}{8}$ "x2"	.33
4	3603	$\frac{1}{8}$ "x3"	.33
2	3611 $\frac{1}{2}$	$\frac{3}{16}$ "x1 $\frac{1}{2}$ "	.36
2	3613	$\frac{3}{16}$ "x3"	.42
4	3614	$\frac{3}{16}$ "x4"	.42
4	3616	$\frac{3}{16}$ "x6"	.54

SQUARE BLADES

2	3702	$\frac{1}{8}$ "x2"	.36
2	3703	$\frac{1}{8}$ "x3"	.36
2	3711 $\frac{1}{2}$	$\frac{3}{16}$ "x1 $\frac{1}{2}$ "	.37
2	3713	$\frac{3}{16}$ "x3"	.42
4	3714	$\frac{3}{16}$ "x4"	.42
4	3716	$\frac{3}{16}$ "x6"	.54
4	3721 *	$\frac{1}{4}$ "x1 $\frac{1}{4}$ "	.60
4	3722	$\frac{1}{4}$ "x2"	.57
4	3724	$\frac{1}{4}$ "x4"	.57
4	3726	$\frac{1}{4}$ "x6"	.75
2	3728	$\frac{1}{4}$ "x8"	.78
2	3731 *	$\frac{5}{16}$ "x1 $\frac{1}{4}$ "	.66
2	3736	$\frac{5}{16}$ "x6"	.90
2	3738	$\frac{5}{16}$ "x8"	.93
2	3746	$\frac{3}{8}$ "x6"	1.14
2	3748	$\frac{3}{8}$ "x8"	1.17

NOTE: *These items have stubby handle only.

No. 86DB—86 Piece Screw Driver Display Board
Complete Price \$40.76
Weight 34 lbs.

The above Screw Driver Display Board comprises a very representative assortment of the most popular screw drivers used by the average mechanic or individual. Each item is held in place by hooks in such a manner as to afford convenience in removing or replacing. Transparent amber colored SHOCK-PROOF handles, with ground polished tip blades, display beautifully on the copper colored background of the board, which is bound by a solid wood frame in rich green color. The stock number is plainly marked near each item as a further convenience to the counter man. There is no charge for this 19" x 31" display board if ordered with complete assortment of screw drivers listed on this page.

CHICAGO

INDESTRO
MFG. CORP.

U.S.A.



Tools FOR SERVICE



Insulated Handle Chrome Vanadium Steel

Hammer Resisting

These handles are a handsome black moulded material that will resist extreme abuse as well as high voltages.

Hand Fitting

You will appreciate the design of this handle and the balance of it with the blade the instant it is taken in the hand.

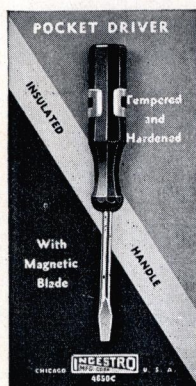
ROUND BLADE TYPE

No.	Blade Dimensions		Overall Length	Weight Per Doz.		Price
	Thick-ness	Length		Lbs.	Oz.	
4602	1/8"	2"	5 1/8"	..	9	\$0.25
4603	1/8"	3"	6 1/8"	..	12	.25
4604	1/8"	4"	7 1/8"	..	15	.25
4606	1/8"	6"	9 1/8"	1	..	.25
4608	1/8"	8"	11 1/8"	1	2	.25
4613	3/16"	3"	6 1/2"	1	..	.32
4614	3/16"	4"	7 1/2"	1	4	.32
4616	3/16"	6"	9 1/2"	1	11	.33
4618	3/16"	8"	11 1/2"	2	..	.35
4619	3/16"	10"	13 1/2"	2	7	.37
4624	1/4"	4"	8 1/16"	2	4	.40
4626	1/4"	6"	10 1/16"	3	8	.43
4628	1/4"	8"	12 1/16"	4	8	.46
4629	1/4"	10"	14 1/16"	5	4	.50

SQUARE BLADE TYPE

No.	Blade Dimensions		Overall Length	Weight Per Doz.		Price
	Thick-ness	Length		Lbs.	Oz.	
4702	1/8"	2"	5 1/8"	..	9	\$0.25
4703	1/8"	3"	6 1/8"	..	12	.25
4704	1/8"	4"	7 1/8"	..	15	.25
4706	1/8"	6"	9 1/8"	1	..	.25
4708	1/8"	8"	11 1/8"	1	2	.25
4713	3/16"	3"	6 1/2"	1	..	.32
4714	3/16"	4"	7 1/2"	1	4	.32
4716	3/16"	6"	9 1/2"	1	11	.33
4718	3/16"	8"	11 1/2"	2	..	.35
4719	3/16"	10"	13 1/2"	2	7	.37
4724	1/4"	4"	8 1/16"	2	4	.40
4726	1/4"	6"	10 1/16"	3	8	.43
4728	1/4"	8"	12 1/16"	4	8	.46
4729	1/4"	10"	14 1/16"	5	4	.50
4746	3/8"	6"	10 5/16"	6	2	.60
4748	3/8"	8"	12 5/16"	6	12	.64
4749	3/8"	10"	14 5/16"	9	..	.68
4781*	1/4"	1 1/4"	3 5/16"	1	..	.36
4791*	5/16"	1 1/4"	3 5/16"	1	2	.36

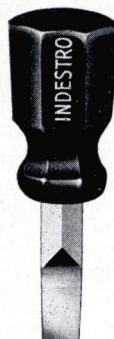
*Stubby type.



Midget Type with Pocket Clip

Individually mounted on a three-color card that makes them an outstanding piece of merchandise. Designed for utility and convenience. The tapered six sided handle with finger recess in top makes it very easy to use. Blade magnetized, 1/8" diameter and 1 7/8" long. Standard package 25 in carton.

No. 4650—Midget Type Screw
DriverPrice \$0.13
Carton of 25 Weight 1 1/2 lbs.



"Stubby" Screw Drivers

The two "Stubby" types listed below are alike except size of blades. This type Screw Driver is used for adjusting overhead tappets and other hard to reach places where power is required.

No. 4781—1/4" x 1 1/4" "Stubby" Screw
DriverPrice \$0.36
No. 4791—5/16" x 1 1/4" "Stubby" Screw
DriverPrice \$0.36
Weight per dozen 1 lb.



Indestro Screw Driver Display

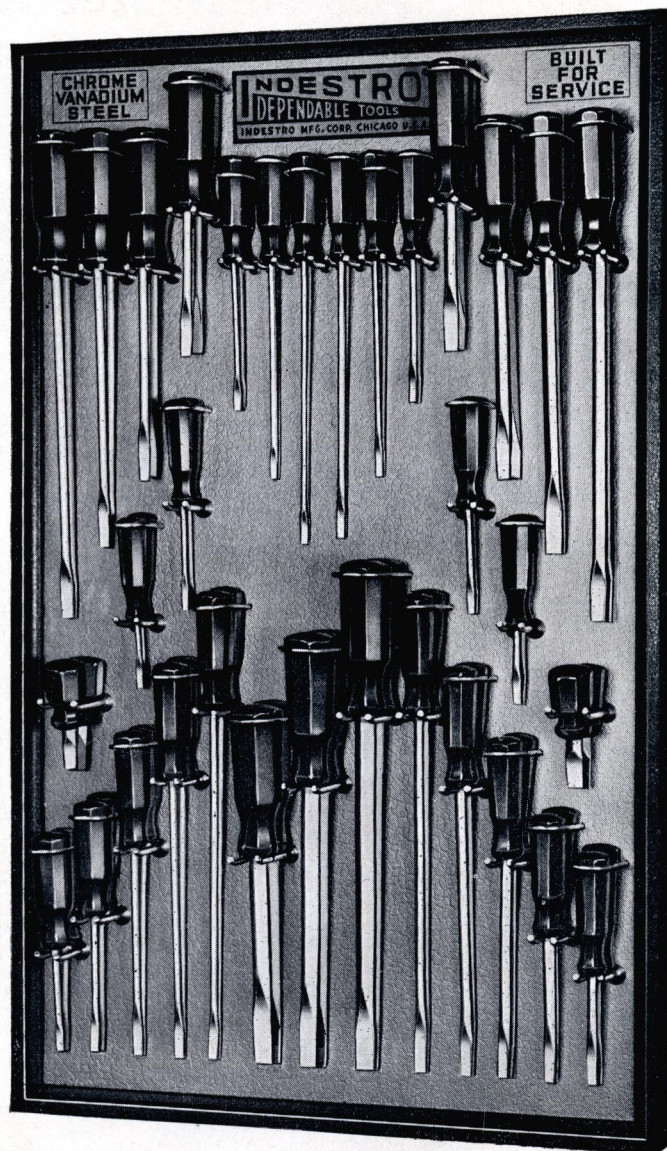
This Display, like all Indestro Displays, is of a standard size (19" x 31") and color, copper bronze background with green and red trim. Displays of this type adapt themselves to any store scheme and are of such a size and style that they can be moved easily so as to conform to any re-arrangement of fixtures. The assortment of 126 Screw Drivers below will meet nearly any demand.

Quantity	No.	Description	Price Each
4	4702	1/8" x 2" Square Blade	\$0.25
4	4703	1/8" x 3" " "	.25
4	4704	1/8" x 4" " "	.25
4	4706	1/8" x 6" " "	.25
4	4708	1/8" x 8" " "	.25
4	4713	5/16" x 3" " "	.32
4	4714	5/16" x 4" " "	.32
4	4716	5/16" x 6" " "	.33
4	4718	5/16" x 8" " "	.35
4	4719	5/16" x 10" " "	.37
4	4724	1/4" x 4" " "	.40
4	4726	1/4" x 6" " "	.43
4	4728	1/4" x 8" " "	.46
4	4729	1/4" x 10" " "	.50
2	4746	3/8" x 6" " "	.60
2	4748	3/8" x 8" " "	.64
2	4749	3/8" x 10" " "	.68
4	4781*	1/4" x 1 1/4" " "	.36
4	4791*	5/16" x 1 1/4" " "	.36
4	4602	1/8" x 2" Round Blade	.25
4	4603	1/8" x 3" " "	.25
4	4604	1/8" x 4" " "	.25
4	4606	1/8" x 6" " "	.25
4	4608	1/8" x 8" " "	.25
4	4613	5/16" x 3" " "	.32
4	4614	5/16" x 4" " "	.32
4	4616	5/16" x 6" " "	.33
4	4618	5/16" x 8" " "	.35
4	4619	5/16" x 10" " "	.37
4	4624	1/4" x 4" " "	.40
4	4626	1/4" x 6" " "	.43
4	4628	1/4" x 8" " "	.46
4	4629	1/4" x 10" " "	.50

*Stubby Type.

No. 126DB—Screw Driver Display.....Price \$43.74
Weight 48 lbs.

Note: Display Boards furnished free only with assortment as shown. List price of Board without tools, \$9.00.



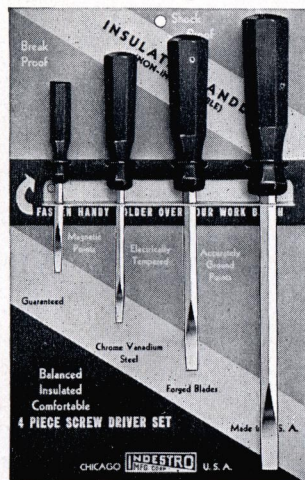
4 Piece Balanced Screw Driver Set

An outstanding value as well as a real method of merchandising a set of Screw Drivers. The four-colored card of attractive design has a cadmium plated metal rack that can be detached and fastened over work bench or elsewhere to hold the four Screw Drivers. The two smaller ones have magnetized blades. Sizes 1/8" x 1 1/8", 1/8" x 3", 3/16" x 4" and 1/4" x 6".

No. 4700—Set of 4 Screw Drivers with Square Blades.....Price \$1.20
Weight 1/2 lb.

No. 4600—Set of 4 Screw Drivers with Round Blades.....Price \$1.20
Weight 1/2 lb.

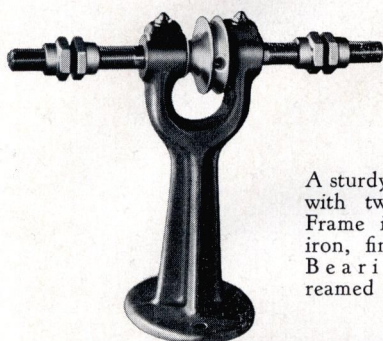
Note: The above are packed 6 sets to the carton.





Tools FOR SERVICE

Polishing Stands

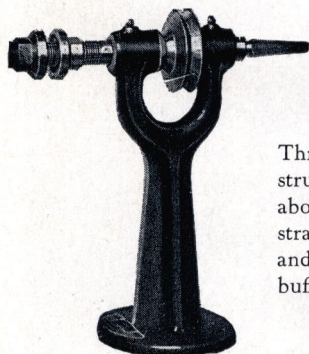


Straight Spindle

A sturdy small polishing head with two straight spindles. Frame is close grained cast iron, finished in red japan. Bearings are accurately reamed with oil holes.

No. 1553—Polishing Stand as illustrated.....Price \$1.26

No. 1554—Polishing Stand as illustrated with Chuck No. 224Price \$1.64
Weight 2 lbs.



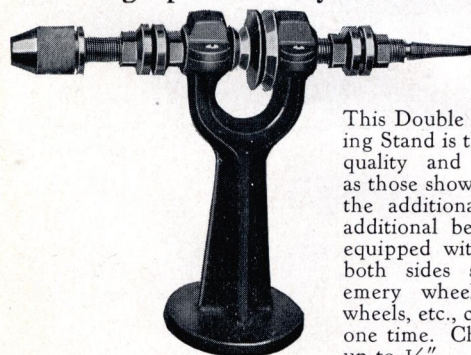
Straight and Tapered Spindle

This stand is same general construction as the one described above except that it has one straight spindle for wheels, etc., and one tapered spindle for buffing wheels.

No. 1555—Polishing Stand as illustrated.....Price \$1.26

No. 1556—Polishing Stand as illustrated with No. 224 ChuckPrice \$1.64

Long Spindle—Adjustable Bearings



This Double Head Polishing Stand is the same high quality and construction as those shown above with the additional feature of additional bearings. It is equipped with flanges on both sides so that two emery wheels, polishing wheels, etc., can be used at one time. Chuck capacity up to $\frac{1}{4}$ ".

No. 1557—Double Head Polishing Stand with Chuck.....Price \$1.68

No. 1558—Double Head Polishing Stand without ChuckPrice \$1.30
Weight $2\frac{1}{2}$ lbs.

Saw Table and Mitre Gauge

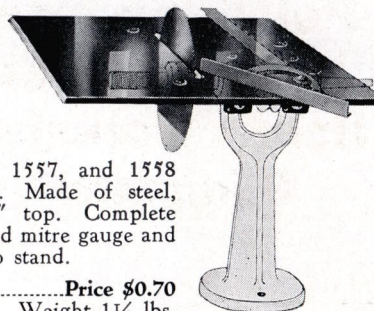
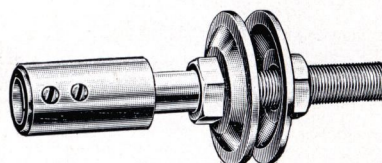


Table fits our Nos. 1557, and 1558 stands shown above. Made of steel, nickel plated, 8"x8" top. Complete with steel nickel plated mitre gauge and bolts for fastening to stand.

No. 1551.....Price \$0.70
Weight $1\frac{1}{2}$ lbs.

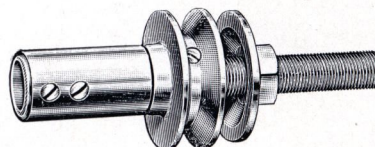
Plain Arbor



This Arbor is for ends of motors, flexible shafts, lathes, etc. It is made from solid bar steel, heavily plated and accurately machined so as to run true. Fits over any $\frac{1}{2}$ " shaft.

No. 1560—ArborPrice \$0.45
Weight 10 oz.

Arbor With Pulley



This Arbor is similar to the one described above and it is provided with a $1\frac{1}{2}$ " Pulley suitable for either round or "V" Belt.

No. 1560P—Arbor with Pulley.....Price \$0.66
Weight 11 oz.

Keyless Drill Chucks



These high grade 3-jaw self-tightening keyless chucks are tapped for $\frac{1}{2}$ "-24 thread shaft, which will fit all stands and arbors on this page, and have hardened, well machined jaws. Each chuck has hardened insert plate to prevent jaws from grabbing on to shaft end. For Motor Arbors or flexible shafts.

No. 224— $\frac{1}{4}$ " Capacity 3-Jaw Keyless Chuck.....Price \$0.38
Weight $\frac{1}{4}$ lb.

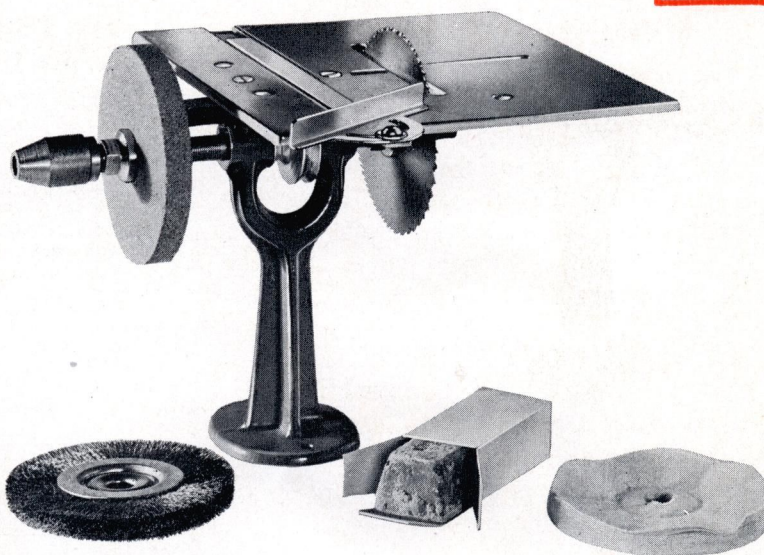
No. 225— $\frac{3}{8}$ " Capacity 3-Jaw Keyless Chuck.....Price \$0.66

No. 226— $\frac{1}{2}$ " Capacity 3-Jaw Keyless Chuck.....Price \$0.84
Weight 10 oz.



Polishing Head With Complete Home Workshop Equipment

This outfit consists of our No. 1558 split adjustable bearing polishing head together with saw table and mitre gauge, 4" saw, 4" buffing wheel, 4" wire scratch brush, 4" grinding wheel and a bar of polishing compound. A very useful combination around any home or small workshop.



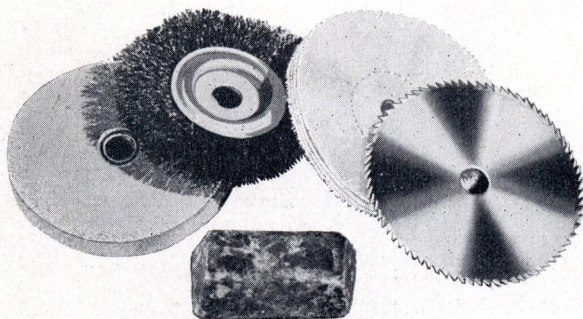
No. 1570—Polishing Head with complete Home Workshop Equipment.....Price \$4.00
Weight 7 lbs.

Individual Accessories

The following accessories can be used with any of our polishing stands or any polishing stand with $\frac{1}{2}$ " shaft.

No.	Description	Weight	Price
1581	4" Saw Blade	2 oz.	\$0.66
1582	4" Buffing Wheel	1 oz.	.20
1583	6" Buffing Wheel	1 oz.	.32
1584	4" Fine Wire Brush	3 oz.	.58
1585	6" Fine Wire Brush	5 oz.	.84
1586	4" Coarse Wire Brush	3 oz.	.46
1587	6" Coarse Wire Brush	5 oz.	.58
1588	4" Grinding Wheel (medium)	8 oz.	.46
1589	Polishing Compound	3 oz.	.20

Handy Household Kit



As a matter of convenience, we have assembled the illustrated five pieces as a kit to be used with any of our polishing stands with $\frac{1}{2}$ " shaft. The outfit consists of:

- 1—4" Saw
- 1—4" Buffing Wheel
- 1—4" Wire Brush
- 1—4" Grinding Wheel
- 1—Bar of Polishing Compound

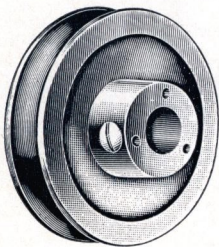
No. 1575—Handy Household Kit.....Price \$1.62
Packed in a substantial carton. Weight 3 lbs.



Tools FOR SERVICE

Die Cast Pulleys Grooved -- Flanged -- Step -- Crown Faced

Properly designed, accurately bored, well balanced die cast pulleys are recognized as the standard of efficiency as well as appearance. Quotations on special pulleys in quantities will be made upon receipt of specifications.

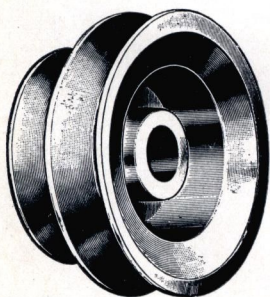


Grooved Pulleys

For $\frac{3}{8}$ " and $\frac{1}{2}$ " Belts.

Note: Pulleys 6" diameter and larger will also take $\frac{5}{8}$ " belts.

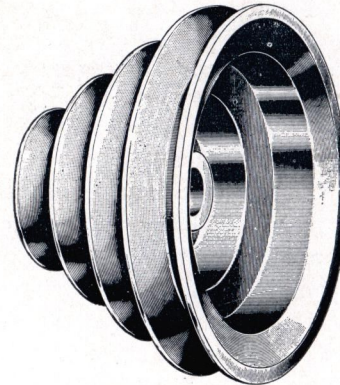
No.	Running Diam.	Bores	Ship. Weight	Price
E340125	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	2 ozs.	\$0.22
E340150	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	3 ozs.	.22
E340175	1 $\frac{3}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	3 ozs.	.24
E340200	2"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	4 ozs.	.26
E340225	2 $\frac{1}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	4 ozs.	.30
E340250	2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	5 ozs.	.32
E340300	3"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	6 ozs.	.38
E340400	4"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	10 ozs.	.48
E340500	5"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	12 ozs.	.54
E340650	6 $\frac{1}{2}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	1 $\frac{1}{2}$ lbs.	.82
E340800	8"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	2 $\frac{1}{2}$ lbs.	1.24
E341000	10"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ ", 1"	3 lbs.	1.86
E341200	12"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ ", 1"	3 $\frac{3}{4}$ lbs.	2.54



Two Step Pulley

For $\frac{3}{8}$ " and $\frac{1}{2}$ " Belts.

No.	Running Diameter	Bores	Shipping Weight	Price
E341500	2", 2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	8 ozs.	\$0.50

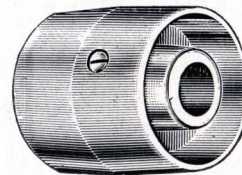


Four Step Pulleys

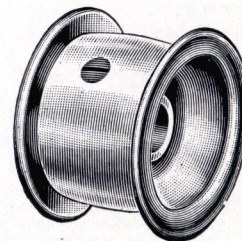
For $\frac{3}{8}$ " and $\frac{1}{2}$ " Belts.

No.	Running Diam. In Inches	Bores In Inches	Ship. Weight	Price
E341505	4, 3 $\frac{1}{4}$, 2 $\frac{1}{2}$, 1 $\frac{3}{4}$	1 $\frac{1}{2}$, 5 $\frac{1}{8}$, 3 $\frac{1}{4}$	1 $\frac{1}{4}$ lbs.	\$0.80
E341506	5, 3 $\frac{7}{8}$, 2 $\frac{3}{4}$, 1 $\frac{3}{4}$	1 $\frac{1}{2}$, 5 $\frac{1}{8}$, 3 $\frac{1}{4}$	1 $\frac{3}{4}$ lbs.	1.00

Crown Faced Pulleys



No.	Diam.	Face	Bore	Weight	Price
E341600	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	3 ozs.	\$0.30
E341602	2"	2"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	6 ozs.	.32
E341603	2"	3"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	12 ozs.	.48
E341605	2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ lbs.	.40
E341606	2 $\frac{1}{2}$ "	3"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	1 lb.	.58
E341608	3"	1 $\frac{3}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	10 ozs.	.44
E341611	3"	3"	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ ", 3 $\frac{1}{4}$ "	1 $\frac{1}{2}$ lbs	.64



Flanged Pulleys

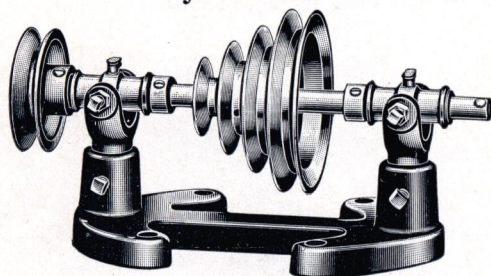
No.	Diam.	Face	Bores	Weight	Price
E341700	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	4 ozs.	\$0.30
E341702	2"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	6 ozs.	.32
E341704	2 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	8 ozs.	.36
E341706	2 $\frac{3}{4}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	12 ozs.	.44
E341708	3"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ ", 5 $\frac{1}{8}$ "	12 ozs.	.46

Note: Be Sure to Specify Bore Wanted



Line Shaft Equipment -- Belts -- Accessories

Jack Shaft



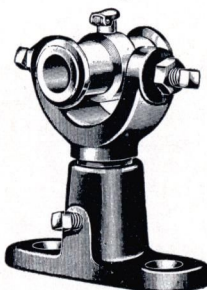
Fitted with 2½" drive pulley and a 4" four step pulley, sizes 1¾", 2½", 3¼", and 4". Bronze bearings.

No. E3110A—Jack Shaft Price \$3.84
Weight 9 lbs.

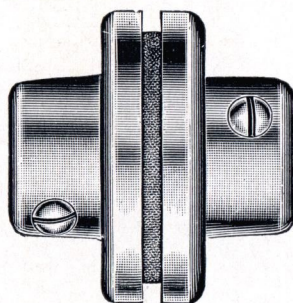
Adjustable Line Shaft Hanger

The double adjustment in the base and head aligns shafting easily. Fitted with bronze bushings.

No.	Size	Weight	Price
E3120A	½"	1 lb.	\$1.24
E3121A	¾"	1¼ lbs.	1.62



Flexible Couplings



Furnished in various bores and combinations to meet every purpose. Specify bore or combinations required.

No.	Size	Bores	O.D.	Weight	Price
E341800	1"	½", 5/8"	1 7/8"	6 ozs.	\$0.36
E341802	1 3/8"	½", 5/8", 3/4"	2 1/8"	10 ozs.	.46
E341804	2"	¾", 7/8", 1"	3 1/4"	2 1/2 lbs.	2.46

Combination Bores

No.	Hub	Bores	Weight	Price
E341812	1"	½" x 5/8"	6 ozs.	\$0.36
E341813	1 3/8"	½" x 5/8"	10 ozs.	.46
E341814	1 3/8"	½" x 3/4"	10 ozs.	.46
E341815	1 3/8"	5/8" x 3/4"	10 ozs.	.46

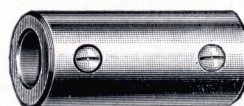
Polished Steel Shafting



No.	Diameter	Length	Weight	Price
E311702	½"	24"	1 ½ lbs.	\$0.32
E311705	¾"	48"	6 lbs.	1.16

Rigid

Couplings



Accurately machined from cold rolled steel and fitted with hardened set screws.

No.	Bore	Weight	Price
E311801	½"	5 oz.	\$0.26
E311802	¾"	8 oz.	.46

Shafting Collars

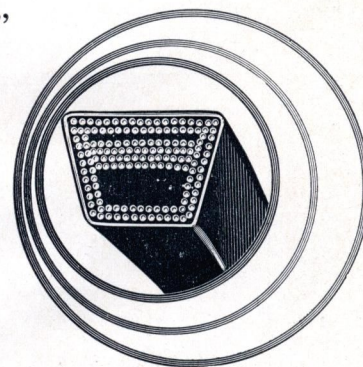


Machined from cold rolled steel and fitted with hardened set screw.

No.	Bore	Weight	Price
E311901	½"	2 oz.	\$0.14
E311902	¾"	4 oz.	.20

"Super Quality" Endless "V" Belts

Indestro Endless "V" Belts are carefully constructed of the finest materials that can be purchased. They have been specially designed to give long life and highest efficiency on all applications.



STATE CIRCUMFERENCE REQUIRED

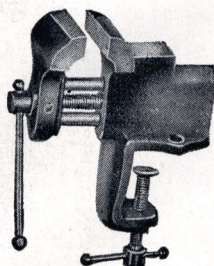
No.	Size	Outside Circumference	Price
E360124	3 5/8"	24"	\$0.48
E360131	3 5/8"	31"	.56
E360134	3 5/8"	34"	.60
E360143	3 5/8"	43"	.76
E360160	3 5/8"	60"	1.02
E360168	3 5/8"	68"	1.12
E360226	1 1/2"	26"	.54
E360228	1 1/2"	28"	.54
E360233	1 1/2"	33"	.62
E360237	1 1/2"	37"	.66
E360239	1 1/2"	39"	.70
E360242	1 1/2"	42"	.74
E360244	1 1/2"	44"	.80
E360248	1 1/2"	48"	.84
E360250	1 1/2"	50"	.88
E360253	1 1/2"	53"	.90
E360256	1 1/2"	56"	.96
E360260	1 1/2"	60"	1.00
E360262	1 1/2"	62"	1.02
E360265	1 1/2"	65"	1.08
E360270	1 1/2"	70"	1.14
E360272	1 1/2"	72"	1.16
E360277	1 1/2"	77"	1.22
E360292	1 5/8"	92"	1.42

Average weight, 6 oz. each

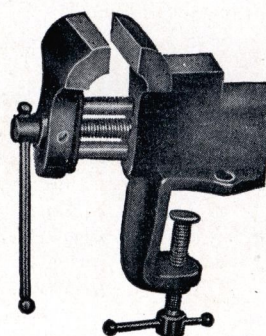


Tools FOR SERVICE

Small Vises -- Clamp Type



No. 1561



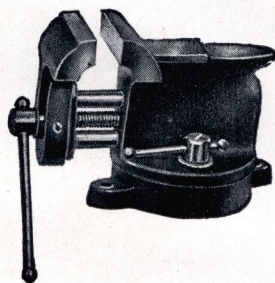
No. 1562

The Indestro small vise has been so favorably accepted by mechanics that they hardly need any introduction. They are made from special close grained cast iron, have polished jaws and are finished handsomely in baked red japan. They are a necessity in the shop and very convenient around the home. The clamp type is readily moved from one bench to another and quickly attached.

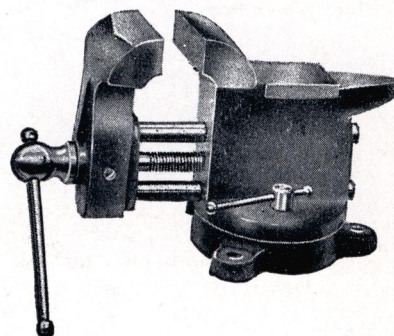
No. 1561— $1\frac{3}{4}$ " Jaws, for Very Light Work.....
.....Price \$0.90
Weight 2 lbs.

No. 1562— $2\frac{1}{2}$ " JawsPrice \$1.20
Weight $3\frac{3}{4}$ lbs.

Small Swivel Type Vises



No. 1564



No. 1566

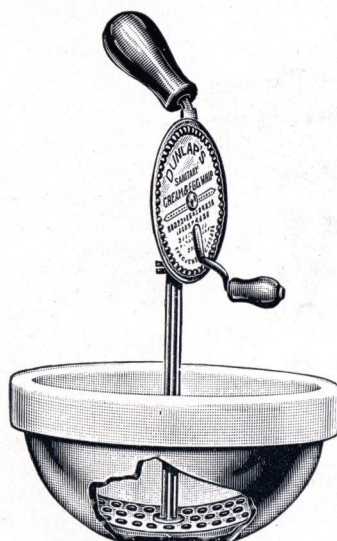
These vises are made with swivel bases enabling the user to adjust them at a convenient angle with various types of work. They fasten permanently on the work bench by means of three bolts or screws. Very carefully machined, body made from close grained cast iron, screw, etc., machined from solid bar steel. Finished in baked red japan.

No. 1564—Swivel Type Vise with $2\frac{1}{2}$ " Jaws.....
.....Price \$1.60
Weight $4\frac{3}{4}$ lbs.

No. 1566—Swivel Type Vise with 3-in. Jaws.....
.....Price \$2.50
Weight 9 lbs.



Improved Dunlap Whips



The IMPROVED DUNLAP WHIP with the "Little Brown Bowl" that a million housewives will testify is the best whip they ever used. The flexible steel blade with perforations which has long been an outstanding feature of the DUNLAP WHIP, is now further improved by being made from STAINLESS STEEL. Whip comes apart easily for cleaning.

No. 231—Dunlap Whip with Bowl.....Price \$1.00
Packed 1 dozen whips and bowls to the carton.
Weight per dozen, 30 lbs.

WITHOUT BOWL

The No. 232 DUNLAP WHIP is similar to above, designed for use in any bowl.

No. 232—Dunlap Whip without Bowl.....Price \$0.85
Weight per dozen, 10 lbs.

Sure Seal Hand Capper

The capping head has a solid back and is fastened securely to a hardwood handle. It has special rubber cushion which absorbs shock, preventing breakage of bottles as well as caps sticking in head.

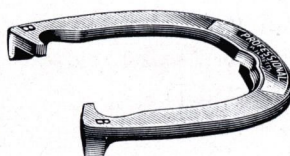


No. 500—Sure Seal Hand Capper.....Price \$0.09
Weight 31 lbs. Per Gr.

Professional Drop Forged Horse Shoes

Regulation weight and size. Guaranteed not to splinter or chip. Packed one pair marked A or B to the carton.

No. 245—Pair Horse Shoes
.....Per Pair \$1.40
Weight, 5 3/4 lbs.



Skimit

The automatic syphon for removing cream from top of milk bottles. The Skimit is in satisfactory use in thousands of modern homes. Made of aluminum, easily cleaned, and a very popular device wherever used. Packed in individual containers with directions.

No. 238—Skimit.....
.....Price \$.050
1 doz. to Carton Wt. 2 lbs.

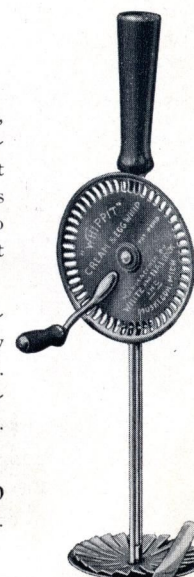


"The Whippit"

The WHIPPIT with the turbine blade, slotted baffle plate, and infolder, combine exclusive patented features not found in any other whips. Whips cream in less than one minute. It is so universally known and used that it hardly needs a description.

The sturdy construction, handsome appearance, and well known efficiency puts the WHIPPIT in a class by itself. Will whip in any bowl, and the infolder splash guard prevents splatter. Packed in individual containers.

No. 235—The "Whippit".....Price \$1.00
1 doz. to Carton Weight 12 lbs.

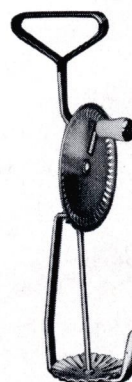


Presto "T" Whip

A very efficient whip which has many of the desirable features of the Whippit although not quite as large or as fast. All metal frame and handle, heavily plated with red trim. Furnished in either single or double blade.

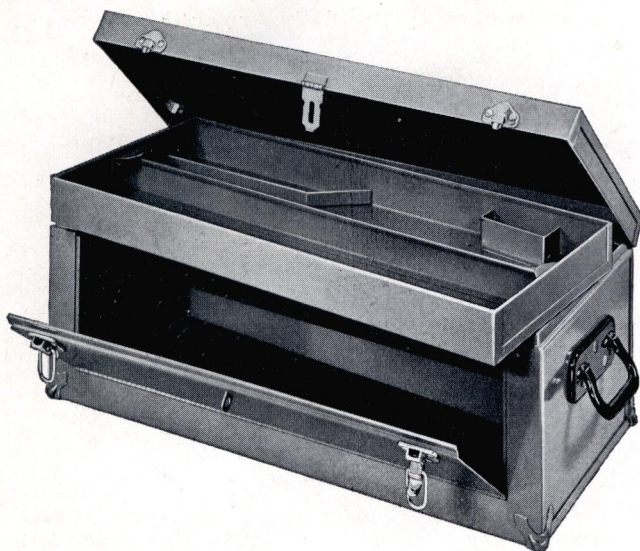
No. 236—Single Blade Presto
"T" Whip.....Price \$0.70

No. 237—Double Blade Presto
"T" Whip.....Price \$0.75
1 doz. to Carton Weight per doz. 8 lbs.





Tools FOR SERVICE



Deluxe Senior Tool Chest

A real master mechanic tool chest, built to last a lifetime. Designed for quick access to all tools in chest, with removable tray and drop front panel. Full length piano hinges. Roller skids under the chest allows easy moving. Strong handles and hasps. Made of extra heavy gauge steel. All seams electrically welded. Attractive gray baked enamel finish. Size 23" x 10 $\frac{1}{4}$ " x 8 $\frac{3}{4}$ " high.

No. 9900—Deluxe Senior Tool Chest.....
.....Price \$15.00

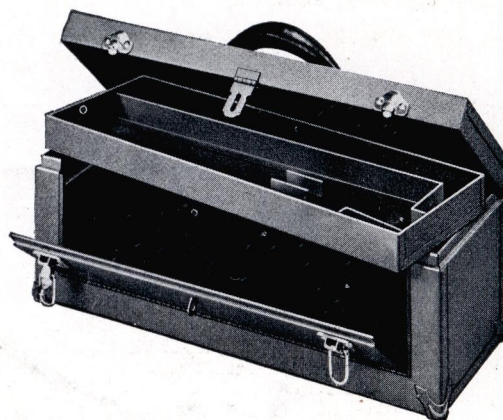
Packed one to the case. Weight each 20 lbs.

Deluxe Junior Tool Chest

Built and designed along the same lines as above Senior Chest, only smaller, and without roller skids. Has lift-out tray and hinged front panel. Full length piano hinges. Made of extra heavy gauge steel. Attractive gray baked enamel finish. Size 19 $\frac{1}{2}$ " x 7 $\frac{1}{4}$ " x 7 $\frac{1}{4}$ ".

No. 9902—Deluxe Junior Tool Chest.....Price \$6.60

Packed one to the case. Weight each 12 lbs.



"Tote" Tray Shallow Carrying Chest

A chest built like a vault, of heavy gauge steel, with electrically welded seams and reenforced corners. Full length piano hinges. Convenient steel carrying handle. Roomy, removable "Tote" Tray. Strong hasp for padlock. Attractive gray baked enamel finish. Size 19 $\frac{1}{2}$ " x 7 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " high.

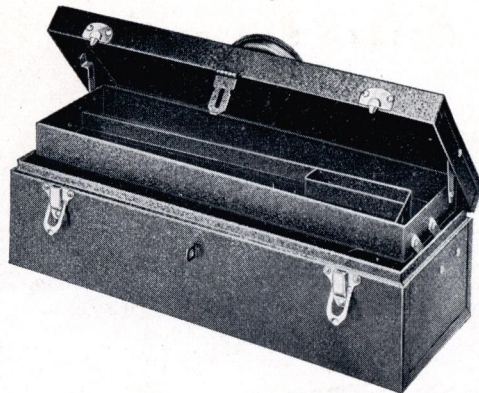
No. 9904—"Tote" Tray Carrying Chest.....Price \$5.00

Packed four to the case. Weight each 10 lbs.

Tools FOR SERVICE



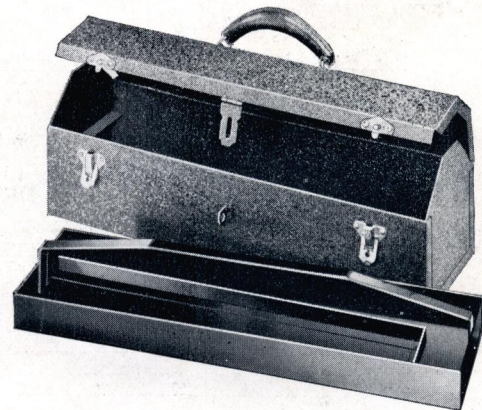
Cantilever Tray Tool Box



A heavy gauge steel box with leather handle, nickel plated trim, black crystal baked enamel finish. The self-lifting tray permits ready access to either the tray or bottom of box when cover is open. The tray is partitioned so as to keep sockets and other small tools separated. The mechanic who already has his tools or one who is building up a set will find this box invaluable. Size $19\frac{1}{2}$ " long, 7" wide, $6\frac{1}{2}$ " deep. Packed four to the case.

No. 9919—Cantilever Tray Tool Box.....Price \$4.00
Weight $7\frac{1}{4}$ lbs.

Popular "Tote" Tray Medium Tool Box



A popular priced tool box or general utility chest. Ample space for tools and supplies. Convenient, removable tray. Heavy gauge steel, welded seams, nickel plated hardware, hasp for padlock, round leather handle. Black crystal baked enamel finish. Size $18\frac{1}{2}$ " x $5\frac{3}{4}$ " x $5\frac{7}{8}$ " high. Packed six to the case.

No. 9910—Popular "Tote" Tray Medium Tool Box.....Price \$3.30
Weight $6\frac{1}{2}$ lbs.

"Tote" Tray Deep Carrying Chest



Designed for mechanics who carry bulky tools. Heavy gauge steel, welded seams, full length piano hinges, reinforced corners and roomy, strong "Tote" Tray. Attractive black crystal baked enamel finish, nickel plated clasps and hasp for padlock. Size 19" x 7" x $8\frac{1}{2}$ " high. Packed one to the case.

No. 9914—"Tote" Tray Carrying Chest.....Price \$5.10
Weight $10\frac{1}{4}$ lbs.

Popular "Tote" Tray Large Tool Box



Another popular priced tool box with the convenient removable "Tote" Tray. Liberal dimensions allow lots of space. Built for real service. Heavy gauge steel, welded seams. Nickel plated hardware, hasp for padlock, strong leather handle. Black crystal baked enamel finish. Size 19" x $7\frac{1}{4}$ " x $8\frac{1}{4}$ " high. Packed four to the case.

No. 9912—Popular "Tote" Tray Large Tool Box.....Price \$3.70
Weight $9\frac{1}{4}$ lbs.



Tools FOR SERVICE

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DEPENDABLE TOOLS

Built for Service